                    # NUMBERS & ODDITIES #
     ////////////////////////////// \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
     - Editor: Ary Boender   ******   e-mail: ary@luna.nl -
     - Nickname on IRC channels #wun #monitor #numbers: Ary-B   -
     -   -
     - Download the complete N&O newsletter from the N&O web site -
     - at: http://home.luna.nl/~ary/   -
     -   -
     - Online database: Chris Smolinski <csmolinkski@erols.com>   -
     -                  http://www.spynumbers.com/numbersDB/   -
     \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ //////////////////////////////

                    -::: N&O #42 October 2001 :::-

Hello Spooksters, welcome to a brand new edition of N&O. This month more unid and military stations items than numbers stations. There is also a list of jammed frequencies and of course (in the extended N&O) lots of logs and intelligence news. I hope that you'll enjoy it and will send your findings and comments to me <mail to: ary@luna.nl>

A number of you are also active on IRC channel #monitor. The IRC robot 'NSA' has an interesting feature: the logging option. You can now send logs from #Monitor directly to the online logs database of #Monitor and Chris' Spy Database. They will eventually also end up on N&O.

NSA- SPYDB is a command to put numbers logs directly from #Monitor into the online database at Chris' site www.spynumbers.com/numbersDB/

Format:
start time-end time frequency mode enigma station+description

Example:
nsa- spydb 2318-0000 4032 CW M21 Russian Air Defense BT99 etc
nsa- spydb 1400-1410 14000 USB E15 barely readble

Note: you HAVE to enter an end time; 0000 is ok. The logs will also be
      sent to the Spooks list and look like this:

These loggings were submitted to the Spy Numbers Station Database on 2001-10-08 by Ary-B, #Monitor.

Freq	ENIGMA	Day	MMDDYYYY	UTC	Mode	Comments
4032	M21	Mon	10082001	2318	CW	Russian Air Defense BT99 etc

<<<<<>>>>>

JMM browsed through the database searching for recurring schedules. He

put the results in the ???.yearlycycle.txt files on his website. Thanks
for your efforts, JMM. Check the CVNI Pseudo-schedules pages at:

http://www.cvni.net/radio/skeds/output

-o-o-o-o-o-o-o-o-o-o-

* VOICE STATIONS *

::: LINCOLNSHIRE POACHER [E03]

Lincolnshire Poacher [E03] id's. October 01-14

UTC	Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC
1200	48472	48472	48472	48472	48472	48472	48472	1200
1300	87489	87489	87489	87489	87489	87489	87489	1300
1400	94598	82847	90958	07758	48472	36995	92117	1400
1500	92117	94598	82847	90958	07758	48472	80384	1500
1600	80384	92117	94598	82847	90958	07758	36995	1600
1700	36995	80384	92117	94598	82847	90958	48472	1700
1800	48472	36995	80384	92117	94598	82847	07758	1800
1900	07758	87489	36995	87489	92117	94598	87489	1900
2000	87489	48472	87489	80384	87489	92117	90958	2000
2100	90958	07758	48472	36995	80384	87489	82847	2100
2200	82847	90958	07758	48472	36995	80384	94598	2200

Lincolnshire Poacher [E03] id's. October 15-31

UTC	Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC
1200	54998	54998	54998	54998	54998	54998	54998	1200
1300	76493	76493	76493	76493	76493	76493	76493	1300
1400	84961	08374	79910	81989	54998	33055	42706	1400
1500	42706	84961	08374	79910	81989	54998	81231	1500
1600	81231	42706	84961	08374	79910	81989	33055	1600
1700	33055	81231	42706	84961	08374	79910	54998	1700
1800	54998	33055	81231	42706	84961	08374	81989	1800
1900	81989	76493	33055	76493	42706	84961	76493	1900
2000	76493	54998	76493	81231	76493	42706	79910	2000
2100	79910	81989	54998	33055	81231	76493	08374	2100
2200	08374	79910	81989	54998	33055	81231	84961	2200

<source: Axel Kruse>

<<<<<>>>>>

::: ISRAELI INTELLIGENCE [E10]

Tomonori Izumi from Japan writes that he heard the 'ABC' transmissions again. He found them on 17 October on 13555 kHz at 1431 UTC and on 7605 kHz at 1434 UTC. The transmission ended at 1439 UTC. Further transmissions were copied on the same frequencies at 1503 to 1515 UTC.

For a sound sample, please check
http://www.linet.gr.jp/~izumi/c/spynumbers/E10-ABC-200110171431.wav

Last month I published the list of unusual messages that reached me from an anonymous sender. It appears that this info was hijacked from a website where our friend Takashi Yamaguchi had put them on. I am glad that Takashi noticed it and sent me a note right away. He says that the following callsigns are a bit suspicious because the transmissions were barely audible: COE, ELB, KOA, PDC and VLD.

HNCM, HNCS, HNC1, HNC6, HNC8 and HNC9 are occasionally heard on 6567 kHz from 1430 UTC to 1450 UTC during the winter.
Radio Pyongyang starts its non-modulated carrier at ca 1450 UTC and blocks the frequency completely after that.

ZWL on 14000 kHz at 1400 UTC could be heard simultaneously with E15's transmission at that time.

<<<<<>>>>>

::: THREE NOTE ODDITY [G4]

After 5 months, G04 broke the silence with one message on Monday, October 1st, at 0900 UTC, on 5225 kHz. It hasn't been reported since.

<via Simon Mason>

<<<<<>>>>>

::: S11A

S11A was heard by Gert on 5624 kHz at 1900 UTC on 8 October, while I heard an unscheduled(?) one on 5520 kHz at 1930 UTC on 8 October.

<<<<>>>>>

::: UNID STATIONS

The unid Slavic station that Max van Arnhem heard on 10341 kHz last month, now also appeared on 7804 kHz on 7 October between 2050 and 2130 UTC. The same kind of spelling (Wladimir, Gregory, Dimitri, etc.) as on 10341 kHz, but now read by a female operator. Sometimes another

station joined her on this frequency to exchange coded messages.

Max, these stations are most likely Eastern European military stations. I don't know from which country.

<<<<>>>>>

Alf from Germany has heard a couple of unid, probably Russian stations and asks if anyone can help with the identification.

He writes: ''A Russian station (OM/RR) on 29715 khz USB transmitted blind messages. Are these tracking details?''

The messages look like this:

```
13  052 201 002
14  047 022 055
15  .....
16  030 097 ....
17  022 087 ....
18  026  093 033 ....
```

<<<<<>>>>>

Another one from Alf: ''A large unidentified Italian network on 6872 kHz in LSB-Phone. The operation style sounds formal, like an official net, no sign of an illegal pirate network. It looks like a daily sked for radio checks (0508 UTC).''

An Italian male operator, callsign 44, called stations 11, 13, 20, 21, 22, 30, 31, 40, 41, 42, 43, 60, 61, 70, 71, 72, 73, 74, 76, 77, 710, 711, 712, 713, 720, 721, 722, 730, 731, 740, 741, 742, 743, 760, 761, 770, and 771. The stations answer on the same frequency. They use Q-Groups ('Fine de QSO', 'Forte de QRM') and gave signal reports as: NEGATIVO or 01, 12, 23, 34.

Alf says that the 2 figures could be only part of the callsign, e.g. IPR44 or CENTO 11, or something like that. Just a wild guess, of course.

Jim suggests that it is possibly ICS, Italian Navy, La Spezia, listed on 6873.5 SSB. If anyone has more info, please write to N&O.

<<<<>>>>>

::: RUSSIAN MILITARY STATIONS

The following info was sent to me by an anonymous dxer from Japan.

Thanks OM!

- Russian Unid Military Network #1
Traffic consisted primarily of radio checks every two hours. An occasional encrypted message of 5LGs was passed.

Callsigns:
KATOK-17, KATOK-22, KATOK-25, KATOK-44, KATOK-46, KATOK-55, KATOK-74, KATOK-77, KATOK-80, KATOK-86, KATOK-93, KATOK-94, KATOK-100, MALEN'KIY, BOL'SHOY (AKA KATOK-100)

Frequencies: 2650 kHz (Night), 5855 kHz (Day)

<<<<>>>>>

- Russian Unid Military Network #2
Traffic on this network consisted of formatted messages in the following format: "5FG word 4FG 4FG". Obviously, this is some type of encrypted message, and this type of traffic was noted on a variety of frequencies.

Example: "54828 SVINTETS 0064 0392" or "11233 BRONYA 2207 7720".

Callsigns: LAZAK-24, VIRAS-11, UROZHAY-24, EFIR-12

Frequencies: 4517 and 5794 kHz.

<<<<>>>>>

- Russian Unid Military Network #3
This network consisted of a variety of stations, at least one of which was an aircraft, and another was a vessel.

Callsigns noted were KLAD-86(Aircraft controller), METEOR-24(Aircraft), NAGAN-58, KLEN-38, VETER-41, LIDER-24, GIPNOZ-60, ZIMA-158(Vessel)

Frequencies: 5360 and 5888 kHz.

-o-o-o-o-o-o-o-o-o-o-o-

* MORSE STATIONS *

::: M10

I found this M10 transmission on 8190 kHz, 1500 UTC, 8 October 2001

555 555 555 434 434 434 29 (R5)
47 47 29 29 = =

33624 33624 58568 58568 11715 11715 992T2 992T2 967T6 967T6
88494 88494 751T4 751T4 2T166 2T166 18668 18668 8TT36 8TT36
47165 47165 962T8 962T8 4T817 4T817 34TT9 34TT9 57176 57176
328T8 328T8 8T332 8T332 229T7 229T7 51T1T 51T1T 167T4 167T4
5T149 5T149 2TT13 2TT13 82445 82445 37812 37812 26T35 26T35
72541 72541 T1124 T1124 98962 98962 8T31T 8T31T = =
47 47 29 29
T T T

The only other reports come from Mark Slaten, who copied the following
M10 transmissions in October:

13-10, Sat, 0410 UTC, 5470 kHz: 555x3 186x3 23 450x3 29 (R5)
21-10, Sun, 0410 UTC, 5470 kHz: 555x3 186x3 29 450x3 34 (R5)
14-10, Sun, 0210 UTC, 5737 kHz: 555x3 186x3 23 450x3 29 (R5)
14-10, Sun, 0210 UTC, 6780 kHz: 555x3 186x3 23 450x3 29 (R5)
13-10, Sat, 0410 UTC, 7745 kHz: 555x3 186x3 23 450x3 29 (R5)
21-10, Sun, 0410 UTC, 7745 kHz: 555x3 186x3 29 450x3 34 (R5)
20-10, Sat, 0700 UTC, 10922 kHz: 555x3 127x3 19 509x3 27 (R5)
                          <<<<<>>>>>

::: M13

Last month I said that M13 was slowing down. According to one of our
UK correspondents, this is not the case. It is still very active. It
changes its frequencies each month. So folks, if you are in for a
challenge, then try to find the frequencies :-)

Check for the following id's:
M13 : 253, 254, 261, 272, 284, 346, 378, 411, 448, 456, 458, 517,
       714, 746, 757, 823. These id's are used for months.

M13 A, B and C have a different id each month and used these in
September: M13A: 926, M13B: 323, M13C: 610.

Thanks for the info, OM.

                          <<<<<>>>>>

::: RUSSIAN AIR DEFENSE [M21]

Tomonori Izumi heard M21 on two frequencies in Japan: 4559 and 6979
kHz. I heard M21 myself on: 3228.4, 4032, 5201, 5731.6, and 5873 kHz.

                          <<<<<>>>>>

::: M24

Mark Slaten reports that M24 has all of a sudden, quit most of its schedules. It happened after the Russians announced the closure of the Lourdes facilities in Cuba. Strange... It may be related, but Lourdes is/was a sigint facility. As far as I know the transmitters are/were at a different location.

<<<<<>>>>>

::: M25

In addition to the M25 Flashback in the July edition of N&O, Iso sent me the id's of various stations that he has heard in the 70's and 80's.

KRH54 Moscow
KTR67 Beograd
KTR68 Budapest
KTR69 Praha
KTR70 Bucuresti

Following the attacks on the USA on 11 September, Mike L wrote: ''Checking my archived logs there was no significant increase in traffic prior/during/after any of the major world incidents/events, including the Gulf War, of the past 15 years with the exception of the assassination of Prime Minister Begin of Israel when E10 went into overdrive for a short period of time.''

Harry Helms reacts: ''Checking my logs for the Gulf War period, I likewise noted no unusual numbers stations activity in that period. However, the "KKN" network of CW stations (personified by the nightly KKN50 QRA marker on 6929.5 kHz) went wild during that period. Activity was especially high on Jan. 16, 1991, when Desert Storm was launched. Instead of the machine-sent marker, there was much high-speed (25+ wpm) CW traffic involving such stations as KWT91, KWT94, KGN39, KRC81, etc. Messages passed were short and cryptic ("QJK 1 ZTA3? Q EEE QJK 1 ZTA3 K") and the sending was often sloppy, apparently with a hand key. Most messages were passed within five minutes of the hour and half-hour, and the KKN50 QRA marker resumed when the traffic was passed. This unusual activity lasted until January 19. Don Schimmel in Virginia and the late Dave White in Maine also noted this activity. See "The Underground Frequency Guide" by Don Schimmel (available from Universal Radio) for more details.

Although the "KKN" network went silent along with the 4D stations from Warrenton, it might be worth listening to 6929.5 and vicinity when the "Infinite Justice" bombs start flying.''

Interesting remarks, gentlemen. Thanks for sharing them with us.

<<<<>>>>>

::: M51

One of the stations that was reported almost daily in 1999/2000 is either less active, or no-one bothers to report it anymore. M51 is however still alive as both Geoff Halligey and I copied the station. It used 3616, 5479.5 and 5810 kHz in October. The format is still the same:

= NR 80 O 0923:27:31 2000 = 5LGs

<<<<>>>>>

::: CHANNEL MARKERS / CLUSTER BEACONS [MX]

Vladivostok marker "F" was heard on 3593 and 10307 kHz.

The 'Squeaky Wheel' channel marker is still on its new frequency of 3828,6 kHz.

<<<<<>>>>>

::: UNIDS

The Mid Atlantic DXer copied an unid station that sent nothing but '555' for at least 20 minutes. It was on 19299 kHz at 1905 UTC on 13 October.

<<<<<>>>>>

Geoff Halligey stumbled over this (military?) morse station on 13 October. It transmitted on 10436 kHz. There was no callsign. It was clearly working with a station on an other frequency asking for a repeat transmission of various groups (AA = all after), such as:

```
0941 UTC   VVV NW AA 200952 47327 AA 48808
1010       VVV K
1104       69797 AA K
1130       07369 VVV   461 AA 92147
1330       AA 05432  AA 29260 K AS AS AS  (wait, wait, wait)
1340       VVV AA K
1717       VVV NW (now)  431 AA  92777 AA 26152 K
```

431 and 461 could be message numbers.

<<<<<>>>>>

The beacons reported here last month are most probably fishing beacons or something like that. So, I will no longer mention them in N&O but in the 'Ute Round-up' column instead.

<<<<<>>>>>

::: ANOTHER UNID

This unid station was first heard by Geoff Halligey on 6 October, on 12111 kHz. This morse station sent every 15 minutes badly hand keyed messages during several days and then disappeared or changed to an yet unknown frequency. I have no idea who or what it is. 12111 kHz was used till 1200 UTC. I discovered the station in the late European evening at 2115, 2130 and 2145 UTC on 3084 kHz, but nothing at 2200 UTC (which is midnight in W.Europe) or later. SA2N is probably the callsign of the station. The signal was quite strong in the UK and Holland. If you know more about this station, please let me know.

Sample messages:

SA2N - FRV4889 (repeated many times)++
SA2N - FRV 4889++ AS AS QSL068+
SA2N - FSM9A - FRM0128+
SA2N - FSM9A - FRM0128+
SA2N - FSM9A - FRQ1081+
SA2N - FRT9737
SA2N - FRT9737
SA2N - FGT4454
SA2N - FRK1792
SA2N (several times)- FRK0768 (at least 10 times)+++
SA2N - FRJ3094++
SA2N - FRJ3094++
SA2N - FRU5156++
SA2N - FRE3016++
SA2N - FRG4366++
SA2N - FRP3213++
SA2N - FRL2654++
SA2N - FRL267+

-o-o-o-o-o-o-o-o-o-o-

* OTHER MODES *

::: XPH

XPH keeps using the 2000 skeds. The following is the message from 16-10-2001, 2000 UTC 11542, 2020 UTC 10155, and 2040 UTC 8130 kHz.

HEADER
511 511 511 1 511 511 511 1 511 511 511 1 511 511 511 1

MESSAGE
04712 00125 67147 08734 38501 87461 18950 77975 50854 75570
45055 66202 29992 18875 39329 10657 55409 75215 74770 59193
93377 89065 48848 39589 88978 94159 33837 93910 12494 42352
98444 21461 78744 85957 81905 59403 70922 32350 58269 84583
20447 88962 30415 11097 96181 42745 54368 15118 99759 23096
39000 73934 09352 61778 76272 85347 83884 37063 29088 87487
46967 28812 46187 57451 19431 40259 31448 71451 11725 05086
34757 71032 96157 81596 05237 29198 05467 55822 71294 41506
04843 65010 96671 53534 83138 61434 89708 94473 46088 95010
07083 88645 80237 86222 70470 14645 63416

The notorious Captain Davros sailed the short waves and found the
2010/30/40 schedule again. This one hasn't been reported for quite
a while. Nice catch, captain!

He found XPH on 23 October on the following times and frequencies:
2010 UTC 11595 kHz, 2030 UTC 10208 kHz, 2050 UTC 9040 kHz

The expected schedules for November are:

0700 11634   0720 13434   0740 14834   sked 648
2100 7425   2120 5809   2140 5109   sked 481
2110   ?   2130 6781   2150 5162   sked 771

Note that Europe has changed to winter time on 26 October.

-o-o-o-o-o-o-o-o-o-o-

* HAARP - HIGH FREQUENCY ACTIVE AURORAL RESEARCH PROGRAM *

I think that Dave McAllister <davemcallister@hotmail.com> was the first
dxer who reported the strange sounding signal on 5800 kHz. The station
has been active between 11 October from 0400 UTC to 24 October at 1400
UTC. Because of a geomagnetic storm during the period 21 October 1700
UTC to about 22 October 1900 UTC, the HF reception was rather poor.

Dave thought that it might be a HAARP signal and contacted them. This
is HAARP's reply to Dave's inquiry:

> ''Thanks for your inquiry. There is a current research
> effort underway at the HAARP Observatory and 5.8 MHz is
> one of the frequencies being used by the HF transmitter.
> The research campaign, which is scheduled to end after
> today, is studying propagation of ELF signals in the

magnetosphere, the region above the ionosphere. You are probably hearing the modulation on the 5.8 MHz carrier signal. These tones are converted into independent ELF signals at the same frequency (approximately 1 - 3 kHz).

Although the primary purpose of the test is study of ELF propagation mechanisms, we are certainly interested in any technical details you can provide on the HF signal. Also, we would be happy to send you a QSL card to confirm your reception report if you like. I assume we can find your address in the call book.''

Further info from the helpful people at HAARP reveals that they employ ''very complex receivers in very quiet locations to listen to the weak ELF signals that are produced by HAARP's method. So far, VLF/ELF has not been detected at ranges greater than about 900 km from the HAARP facility.''

Not only 5.8 MHz was used during the experiment, HAARP also used 3.2 and 3.3 MHz at various times during the research. The 3.3 MHz signal was used for brief periods at the beginning of each half hour as a diagnostic. The 3.2 MHz signal had the same modulation as the 5.8 MHz signal.

Dave asked:
''What was the rationale behind the modulation you chose? Was it simply to provide a recognizable signal in VLF, or did you expect different VLF behaviour from the different frequencies?''

Answer:
''Both. The tones were chosen so that they and their harmonics would not be multiples of each other. Several receivers were used to listen to the direct signal (E-layer downward) and for the magnetospherically propagated signal which would arrive after a delay. Timing and tone frequency selection were done to avoid having a new tone (or the harmonic of some other tone) overlap the arrival of the delayed tone from the previous transmission. Tones over a wide range of frequencies gave the experiment the potential to see a variety of possible propagation effects which are likely to be frequency dependent.''

About the waveform.....
''The general waveform structure was the same during the experiment. Experimental parameters are often adjusted after looking at preliminary data so that the chances for success are improved. The "data bursts" you heard could have been part of the diagnostic or calibration signal that was transmitted periodically.''

Question:

''What altitude or region of the ionosphere produces the effect (VLF propagation) you desire? Are you succeeding in 'modulating' the magnetosphere to produce this result?''

Answer:
''VLF/ELF is generated through interaction with the auroral electrojet which occurs at E-layer altitudes (about 100 km). VLF/ELF signals produced within the E-layer can propagate upward into the magnetosphere and it was the study of that propagation mechanism that was of interest in this research.''

''Sure was fun 'investigating' this. What a great hobby.'', says Dave with a happy smile on his face.

It sure is, Dave, it sure is :-)

HAARP website:
http://www.haarp.alaska.edu/haarp/index.html

Sound sample:
http://home.luna.nl/~ary

-o-o-o-o-o-o-o-o-o-o-

* SCRAMBLED COMMS *

More and more voice transmissions are scrambled these days. Voice encryption systems or vocoders can be heard on many frequencies and are used by the military, diplo stations and fishermen, to name just a few. A quick scan resulted in these frequencies and this is only the top of the iceberg.

2408	2556	2278	2320	2740.5	2975	2980	3000
3110	3112.5	3410	3416	3420	3428	3440	3460
3470	3480	3500	4024	4065	4103	4122	4519
4749	5329	5497	6680	6697	7060	8868	8899
11229	14440	25350					

ANDVT (Advanced Narrowband Digital Voice Terminal) proved to be one of the most popular encryption methods during the past years. A widely used ANDVT system is KY-99, which is a secure voice and data communications system. In narrowband mode it supports the following data rates: 300, 600, 1200, 2400 bps in HF digital mode. In wideband mode: 12 and 16 kbps.

Other sophisticated systems that you can hear on HF include KG-84A (data encryption) and KG-84C (telegraphy encryption), KY-5, KY57/58, KY-99 and KY-100. Sailor 2000, an integrated GMDSS system, is often

used by fishermen.

You can find sound samples of a number of voice encryption systems on
Leif Dehio's excellent website:

    http://rover.wiesbaden.netsurf.de/~signals/TABLES/VOCODER.HTML

-o-o-o-o-o-o-o-o-o-o-

* PROPAGATION LOGGER *

Klaus Betke reports that the Russian propagation logger is still
active. This is the first report in a couple of months. Maybe it is
better audible during the winter months in the northern hemisphere.

It used to have two schedules; one at hh07 and one at hh37. Klaus has
heard the first one. Frequencies: 3007 up to 28007 kHz in 10 sec steps.
There are two stations active.

-o-o-o-o-o-o-o-o-o-o-

* JAMMER FRENZY *

It looks like the number of jammer activity has increased during the
past few months. I compiled a list from dxer's and broadcaster's
reports.

freq.	jammed station	target area	jammed by
1557	Future Radio	Iraq	Iraq
1566	VOIRI	Iran	?
1584	Future Radio	Iraq	Iraq
3480	V.o. National Salvation	S.Korea	S.Korea
3840	V.o. National Salvation	S.Korea	S.Korea
3903	V.o. the Communist Party of Kurdistan	Kurdistan	?
3912	V.o. the People	S.Korea	S.Korea
3985	V.o. Iraqi Kurdistan	Iraqi Kurds	Iraq
3985	V.o. the People	S.Korea	S.Korea
4120	V.o. National Salvation	S.Korea	S.Korea
4120	V.o. National Salvation	S.Korea	S.Korea
4418	Unid		
4422	Unid		
4430	Unid		
4440	Unid		
4448	Unid - blank AM carrier		
4450	Unid		
4450	V.o. National Salvation	S.Korea	S.Korea
4450	V.o. National Salvation	S.Korea	S.Korea

4462	Unid		
4470	Unid		
4485	Music faintly audible	?	
4485	Unid		
4557	V.o. National Salvation	S.Korea	S.Korea
4615	Unid		
4620	Unid		
4630	Unid		
4639	Unid		
4640	Unid		
4645	Unid		
4645	Unid		
4650	Unid		
4660	Unid		
4670	Unid		
4679	Unid		
4679	Unid		
4680	Unid		
4820	Unid - blank AM carrier		
4830	Unid		
4850	V.o. Mojahed, Iraq	Iran	Iran
4860	Unid Clandestine		
4862	Unid		
4865	Unid, male presenter just audible under	?	
4875	Unid		
4878	Unid - blank AM carrier		
4880	Numbers station (Israel)	?	
4880	Unid - blank AM carrier		
4945	Unid		
5120	Unid		
5125	Unid		
5130	Unid		
5142	Unid		
5160	Unid		
5160	Unid - blank AM carrier		
5170	Unid		
5180	Unid		
5320	Unid		
5320	V.o. Mojahed, Iraq	Iran	Iran
5330	Unid		
5340	V.o. Mojahed, Iraq	Iran	Iran
5350	Unid		
5351	Unid		
5358	Unid		
5361	Unid		
5370	Unid - blank AM carrier		
5422	Numbers station (Linc. Poacher, UK)	Middle East	Iran
5617	Unid		

5618	Unid - blank AM carrier		
5618	Unid Clandestine, male presenter		
5620	Unid		
5620	Unid - blank AM carrier		
5620	V.o. Mojahed, Iraq	Iran	Iran
5623	Unid		
5629	Unid		
5630	Unid Clandestine just audible with female presenter		
5630	V.o. Mojahed, Iraq	Iran	Iran
5636	Unid		
5640	Unid - blank AM carrier		
5640	V.o. Mojahed, Iraq	Iran	Iran
5642	Unid		
5647	Unid		
5648	Unid Arabic or Farsi broadcaster		
5650	Unid Clandestine just audible with female presenter		
5650	V.o. Mojahed, Iraq	Iran	Iran
5658	Unid		
5658	Unid - blank AM carrier		
5660	Unid - blank AM carrier		
5660	Unid Clandestine, female presenter		
5660	Unid Clandestine? with a marching song and unid language		
5660	V.o. Mojahed, Iraq	Iran	Iran
5670	Unid		
5670	Unid - blank AM carrier		
5670	Unid Clandestine, female Presenter		
5670	V.o. Mojahed, Iraq	Iran	Iran
5678	Unid		
5680	Iraqi Clandestine?	?	?
5680	Unid - blank AM carrier		
5680	Unid Clandestine, very clear male		
5720	Unid		
5730	Unid		
5736	Unid - blank AM carrier		
5740	Unid		
5746	Unid		
5750	V.o. Mojahed, Iraq	Iran	Iran
5754	Unid		
5760	Unid		
5763	Unid		
5766	Unid		
5770	Unid		
5778	Unid		
5780	Unid		
5783	Unid		

5860	V.o. Iraqi Kurdistan	Iraqi Kurds	Iraq
6167	V.o. Mojahed, Iraq	Iran	Iran
6175	V.o. Mojahed, Iraq	Iran	Iran
6220	Unid		
6220	Unid - blank AM carrier		
6221	Unid		
6240	Unid - blank AM carrier		
6240	Unid Clandestine in clear with Arabic		
6245	Unid		
6250	Unid		
6250	Unid - blank AM carrier		
6259	La Voz de La Resistencia	Colombia	?
6262	Unid		
6263	Unid		
6270	V.o. Mojahed, Iraq	Iran	Iran
6290	V.o. Mojahed, Iraq	Iran	Iran
6348	Echo of Hope, S.Korea	N.Korea	N.Korea
6440	V.o. Mojahed, Iraq	Iran	Iran
6820	V.o. Mojahed, Iraq	Iran	Iran
6826	Unid		
6833	Unid		
6840	V.o. Mojahed, Iraq	Iran	Iran
6846	Unid		
6850	Unid		
6863	Unid		
6866	Unid		
6880	United Patriot Radio	USA	US HAMs
6955	Unid		
7007	V.o. Mojahed, Iraq	Iran	Iran
7010	V.o. Mojahed, Iraq	Iran	Iran
7020	V.o. Mojahed, Iraq	Iran	Iran
7050	V.o. Mojahed, Iraq	Iran	Iran
7070	V.o. Mojahed, Iraq	Iran	Iran
7070	V.o. the Palestine Islamic Revolution	Israel	?
7072	Radio Banaadir Somalia	Somalia	?
7080	V.o. Mojahed, Iraq	Iran	Iran
7100	V.o. Mojahed, Iraq	Iran	Iran
7180	V.o. Tibet	Tibet	China
7195	V.o. Tibet	Tibet	China
7200	V.o. Mojahed, Iraq	Iran	Iran
7250	V.o. Tibet	Tibet	China
7335	V.o. Tibet	Tibet	China
7480	Radio Barabari (Radio Equality)	Iran	?
7480	Radio Sedaye Iran (V.o. Iran)	Iran	Iran
7540	Unid		
8320	Numbers station (Cherry Ripe, UK)	Asia?	?
8600	V.o. Mojahed, Iraq	Iran	Iran
8840	V.o. Mojahed, Iraq	Iran	Iran

8840	V.o. Mojahed, Iraq	Iran	Iran
8860	V.o. Mojahed, Iraq	Iran	Iran
9022	Unid		
9251	Numbers station (Linc. Poacher, UK)	Middle East	Iran
9310	Da Guang Ming Dian Tai (ex Falun Dafa	China	China
9315	Da Guang Ming Dian Tai (ex Falun Dafa	China	China
9320	Da Guang Ming Dian Tai (ex Falun Dafa	China	China
9330	Da Guang Ming Dian Tai (ex Falun Dafa	China	China
9365	Unid		
9450	Radio Bopeshawa (Radio Forward)	Iraq	?
9563	V.o. Iraqi Kurdistan	Iraqi Kurds	Iraq
9567	Unid		
9571	Unid		
9785	Unid		
9920	Radio Free Asia	Vietnam	Vietnam
9930	Radio Free Asia	Vietnam	Vietnam
9955	Radio Miami		Cuba
9958	Unid Spanish station		
10050	V.o. Mojahed, Iraq	Iran	Iran
10080	V.o. Mojahed, Iraq	Iran	Iran
10220	V.o. Mojahed, Iraq	Iran	Iran
10234	V.o. Mojahed, Iraq	Iran	Iran
10240	V.o. Mojahed, Iraq	Iran	Iran
10249	Unid - strong AM carrier		
10270	V.o. Mojahed, Iraq	Iran	Iran
11525	V.o. Tibet	Tibet	China
11535	Radio Sedaye Iran (V.o. Iran)	Iran	Iran
11540	Radio Kudriat (UDFN)		
11590	Radio Sedaye Iran (V.o. Iran)	Iran	Iran
11625	Radio International	Iran	Iran
11635	Radio International	Iran	Iran
11815	V.o. Tibet	Tibet	China
11825	V.o. Tibet	Tibet	China
12015	Da Guang Ming Dian Tai (ex Falun Dafa	China	China
12056	Numbers station (Cherry Ripe, UK)	Asia?	?
12075	Da Guang Ming Dian Tai (ex Falun Dafa	China	China
12120	Da Guang Ming Dian Tai (ex Falun Dafa	China	China
12135	Da Guang Ming Dian Tai (ex Falun Dafa	China	China
12150	Da Guang Ming Dian Tai (ex Falun Dafa	China	China
12450	V.o. Mojahed, Iraq	Iran	Iran
13410	V.o. Mojahed, Iraq	Iran	Iran
13420	V.o. Mojahed, Iraq	Iran	Iran
13430	V.o. Mojahed, Iraq	Iran	Iran
14487	Numbers station (Linc. Poacher, UK)	Middle East	Iran
15440	Da Guang Ming Dian Tai (ex Falun Dafa	China	China
15595	V.o. Tibet	Tibet	China
15635	V.o. Tibet	Tibet	China
15655	V.o. Tibet	Tibet	China

15670	Radio Rainbow	Ethiopia	?
15670	V.o. Tibet	Tibet	China
15680	V.o. Tibet	Tibet	China
15690	Radio Bopeshawa (Radio Forward)	Iraq	?
15690	Radio Sedaye Iran (V.o. Iran)	Iran	Iran
15690	V.o. Khmer Krom	Cambodia	?
15705	Unid		
15705	V.o. Tibet	Tibet	China
15863	V.o. Mojahed, Iraq	Iran	Iran
17520	Radio Sedaye Iran (V.o. Iran)	Iran	Iran
18090	Unid		Cuba
19300	Unid		
21560	V.o. Tibet	Tibet	China
21570	V.o. Tibet	Tibet	China

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* INTELLIGENCE NEWS *

::: RUSSIA

President Vladimir Putin has announced that Russia will shut down its SIGINT base at Lourdes, Cuba. There are ca 1500 Russians based at the station. According to mr Putin, closing Lourdes would save some $200 million a year. The closure is a surprise as mr Putin visited the station about a year ago and stated then that it is still an important Russian base. Beside Lourdes, Russia will also close the naval SIGINT station at Cam Ranh Bay in Vietnam.

The reaction in Russia was very mixed. The pro-Putin journalists and analysts say that it is a good thing to do because the costs of the facilities is very high. In the eyes of the military it is a catastrophe while the intelligence world cannot understand the decision.

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::: USA

The USA is doing the opposite of Russia. The base that would be closed at the end of the year, will stay open until 30 September 2004. The SIGINT base at Bad Aibling, Germany, has to stay open because the aircraft that would have been used to remove the communications and surveillance equipment, are now deployed in Afghanistan. At least, that is the official statement. I think that it is more likely that the base is being used to eavesdrop on the Taliban.

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::: ECHELON

Robert Williams writes that the ABC network in Australia recently ran a story on Echelon in their Netnews programme. Nicky Haga who wrote a book in 1996 called "Secret Power" is interviewed on the programme. To hear the story go to www.abc.net.au/newsradio/audio/eschelon.ram (for the real audio version) or .asx (for the wmp version). The interview goes for 14 minutes.

Thanks, Robert

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::: NETHERLANDS

The Dutch Government announced that it wants to regulate the public use of sophisticated cryptography. They claim that terrorists make intensive use of modern technology and that the police and intelligence agencies must have the means to prevent and fight terrorism.

The Dutch government seizes this opportunity with both hands. In the early nineties they tried to restrict the use of cryptography. The draft law was however withdrawn after a storm of protest from privacy and legal groups, and the business world.

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::: AFGHANISTAN / PAKISTAN

The Pakistan Inter Services Intelligence (ISI), was involved in the training and arming of the Taliban. Starting in the 1980s, the ISI developed strong links with Bin Laden and al-Qaeda. Possibly as many as five Pakistani ISI officers, including a brigadier and a colonel, crossed into Afghanistan at the end of September to help the Taliban prepare their defences and strategy against pending U.S. attacks.

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* LOGS SECTION *

2270	E10	Israeli intel USB 07-10-2001 Sun 1810 (TI)
2270	E10	USB 07-10-2001 Sun 1836 (TI)
2270	E10	USB 07-10-2001 Sun 1836 (TI)
3150	E10	messages AM 10-07-2001 Sun 1930
3228,4	M21	BT990240??8????? CW 05-10-2001 Fri 2240 (AB)
3389	V02	AM 10-02-2001 Tue 0130
3389	V02	In progress. Very hummy carrier AM 10-02-2001 Tue 0230
3415	E10	ART 29 NORMZ USB 26-09-2001 Wed 2330

3415	E10	ART2 USB 07-10-2001 Sun 1901 (TI)
3616	M51	French intel/mil. NR 77 O 1529:43:08 2001 = 5FGs CW 15-10-2001 Mon 1846 (RGA)
3828,6		Squeaky Wheel channel marker on a new frequency 02-10-2001 Tue 2101 (AB)
3837	MX	Russian navy, Kaliningrad. Channel marker 'P' CW 05-10-2001 Fri 2247 (AB)
3981	SBQH	Russian military wkg BBQ2 on 4489 kHz CW 31-10-2001 Wed 2042 (RGA)
4015	E10	KPA2 USB 29-09-2001 Sat 2315
4015	E10	KPA2 USB 16-10-2001 Tue 2015
4017	V02	AM 10-09-2001 Tue 0300
4017	V02	AM 16-10-2001 Tue 0300
4017	V02	AM 30-10-2001 Tue 0300
4027	M08	CW 16-10-2001 Tue 0300
4027	M08	CW 10-12-2001 Fri 0300
4027	M08a	02553 50363 50212 CW 27-10-2001 Sat 1100
4028	M08	CW 30-10-2001 Tue 0300
4028	V02	AM 20-10-2001 Sat 0300
4032	M21	Russian Air Defense BT99 etc CW 10-08-2001 Mon 2318
4032	M21	Russian Air Defense BT99 etc CW 06-10-2001 Sat 2202
4035	V02a	In prog. AM 29-10-2001 Mon 0410
4085	M63	A2A wkg out-stations on 5444 kHz CW 31-10-2001 Wed 0600 (JD)
4165	E10	VLB2 USB 23-09-2001 Sun 2045
4165	E10	VLB2 USB 29-09-2001 Sat 2245
4165	E10	VLB2//7605 USB 05-10-2001 Fri 1649 (TI)
4165	E10	VLB2//5230 7605 USB 07-10-2001 Sun 1846 (TI)
4173	M08a	ID 02992 79152 81962 CW 30-09-2001 Sun 1100
4174	V02	in progress AM 10-08-2001 Mon 0320
4174	V02	AM 29-10-2001 Mon 0300
4231	XSL	Slot Machine USB 03-10-2001 Wed 1513 (TI)
4241	M22	4XZ. Israeli navy Haifa coded msgs CW 07-10-2001 Sun 2302 (AB)
4270	E10	PCD2 USB 30-09-2001 Sun 2000
4270	E10	PCD2 USB 30-09-2001 Sun 2030
4270	E10	PCD2 USB 02-10-2001 Tue 1602 (TI)
4270	E10	USB 07-10-2001 Sun 1809 (TI)
4270	E10	PCD USB 07-10-2001 Sun 1902 (TI)
4291	XSL	Slot Machine USB 03-10-2001 Wed 1513 (TI)
4325,8	MX	Russian mil, Izhevsk. Channelmarker 'R' CW 07-10-2001 Sun 2251 (AB)
4325.5	MX	'R' Izhevsk CW Sun 2006
4325.5	MX	'R' Izhevsk CW 21-10-2001 Sun 2323
4328	M08a	ID 96232 95801 06742 CW 29-10-2001 Mon 1100
4329	M08a	ID 40562 95853 06823 CW 30-09-2001 Sun 1100
4331	M22	Israeli navy Haifa VVV DE 4XZ CW 07-10-2001 Sun 2247
4360	E10	MIW2 USB 29-09-2001 Sat 2315

4461	E10	FTJ 84 KTF?? USB 26-09-2001 Wed 2300
4461	E10	FTJ 113 OGZCN USB 26-09-2001 Wed 2330
4461	E10	FTJ USB 30-09-2001 Sun 2000
4461	E10	FTJ ?? LBW?? USB 30-09-2001 Sun 2030
4461	E10	in progress USB 25-10-2001 Thu 2035
4463	E10	FTJ2 USB 07-10-2001 Sun 1903 (TI)
4478	M08a	46641 40873 9072 CW 27-10-2001 Sat 1100
4479	V02	AM 17-10-2001 Wed 0300
4489	BBQ2	Russian Military. Tells SBQH (on 3981) to QBE/close down QYT9/unknown mode; then tells NP9Q to ZOO ZKK ZWT QYT9 CW 31-10-2001 Wed 2042 (RGA)
4489	EPL8	Russian Military. Calls up NP9Q, SBQH, OWY8, 8FEL and PATA for radio checks CW 31-10-2001 Wed 2228 (RGA)
4506	M08	CW 17-10-2001 Wed 0300
4506	M08	CW 21-10-2001 Sun 0300
4506	M08a	ID 83543 91943 58452 CW 30-09-2001 Sun 0300
4557,9	MX	Russian navy, Arkhangelsk. Cluster beacon S CW 07-10-2001 Sun 2242 (AB)
4558	MX	Russian navy, Moscow. Cluster beacon C CW 07-10-2001 Sun 2242 (AB)
4559	M21	Russian Air Defense CW 01-10-2001 Mon 1522 (TI)
4559	M21	Russian Air Defense CW 06-10-2001 Sat 1513 (TI)
4559	M21	Russian Air Defense CW 07-10-2001 Sun 1558 (TI)
4560	E10	YHF USB 05-10-2001 Fri 1731 (TI)
4560	E10	YHF USB 07-10-2001 Sun 1731 (TI)
4560	E10	YHF2 USB 07-10-2001 Sun 1903 (TI)
4560	E10	YHF 2 msgs: 114 RFUEH/78 CUKES USB 16-10-2001 Tue 2000
4625	S28	The Buzzer AM 10-01-2001 Mon 0002
4625	S28	Buzzying AM 30-09-2001 Sun 0006
4625	S28	Buzzer USB 03-10-2001 Wed 1523 (TI)
4780	E10	SYN2 USB 23-09-2001 Sun 2045
4780	E10	SYN2 USB 29-09-2001 Sat 2245
4780	E10	Mossad,Israeli Intelligence//7445 SYN2 USB 01-10-2001 Mon 1647 (AY)
4780	E10	SYN2 USB 03-10-2001 Wed 1450 (TI)
4780	E10	SYN2//7445 USB 05-10-2001 Fri 1649 (TI)
4780	E10	SYN2 USB 07-10-2001 Sun 1605 (TI)
4780	E10	SYN2 USB 07-10-2001 Sun 1632 (TI)
4780	E10	SYN2//7445 USB 07-10-2001 Sun 1847 (TI)
4780	E10	SYN2 USB 25-10-2001 Thu 2045
4783	M10	555x3 619x3 41 071x3 41 CW 27-10-2001 Sat 0400
4783	M10	555x3 619x3 .. 071x3 .. (the signal was very weak) CW 28-10-2001 Sun 0400
4854	S21	Russian Lady, ended 0-0-0 AM 10-02-2001 Tue 1842
4880	E10	ULX 50 WDIPK USB 23-09-2001 Sun 2030
4880	E10	ULX USB 25-09-2001 Tue 2030
4880	E10	ULX 2 msgs: 44 UVMGB/77 HCXNZ USB 26-09-2001 Wed 2300
4880	E10	ULX 15 QDYDC USB 29-09-2001 Sat 2300

4880	E10	ULX 2 msgs: 76 DHEGE/48 UQBRX USB 30-09-2001 Sun 2030
4880	E10	ULX2 USB 07-10-2001 Sun 1903 (TI)
4880	E10	ULX2 USB 07-10-2001 Sun 1932 (TI)
4880	E10	ULX 2 msgs: 76 DHEGE/48 UQBRX USB 16-10-2001 Tue 2030
4880	E10	ULX 2 msgs: 76 DHEGE/48 UQBRX USB 23-10-2001 Tue 2030
4880	E10	ULX 69 RYGZF USB 24-10-2001 Wed 2300
4880	E10	in progress 2 msgs: 76 DHEGE/?? ????? USB 25-10-2001 Thu 2035
4881	E10	ULX USB 07-10-2001 Sun 1802 (TI)
4881	E10	ULX USB 07-10-2001 Sun 1831 (TI)
4881	E10	ULX USB 07-10-2001 Sun 1831 (TI)
5091	E10	JSR 89 PPCXS USB 23-09-2001 Sun 2030
5091	E10	JSR USB 25-09-2001 Tue 2030
5091	E10	JSR2 USB 30-09-2001 Sun 2000
5091	E10	JSR several msgs USB 30-09-2001 Sun 2030
5091	E10	JSR2 USB 02-10-2001 Tue 1603 (TI)
5091	E10	JSR USB 05-10-2001 Fri 1632 (TI)
5091	E10	USB 07-10-2001 Sun 1707 (TI)
5091	E10	JSR USB 07-10-2001 Sun 1832 (TI)
5091	E10	JSR USB 07-10-2001 Sun 1832 (TI)
5091	E10	USB 07-10-2001 Sun 1917 (TI)
5091	E10	JSR USB 16-10-2001 Tue 2000
5091	E10	JSR 78 NGLWX USB 23-10-2001 Tue 2030
5132		endless 5LGs CW 10-08-2001 Mon 2200
5132	S8BI	5LGs in CW. Later wkg unid station in voice CW/USB 08-10-2001 Mon 2200 (AB)
5153,6	MX	D, Odessa CW 01-10-2001 Mon 1421 (TI)
5153,6	MX	D, Odessa CW 02-10-2001 Tue 1540 (TI)
5153,6	MX	D, Odessa CW 07-10-2001 Sun 1554 (TI)
5153.9	XM	Cluster beacon S, Arkhangelsk CW 27-10-2001 Sat 2030 (RGA)
5154	MX	M, Magadan CW 02-10-2001 Tue 1540 (TI)
5154	XM	Cluster beacon C, Moscow CW 27-10-2001 Sat 2030 (RGA)
5154,2	MX	F, Vladivostok CW 01-10-2001 Mon 1421 (TI)
5154,2	MX	F, Vladivostok CW 02-10-2001 Tue 1540 (TI)
5154,2	MX	F, Vladivistok CW 06-10-2001 Sat 1307 (TI)
5154,2	MX	F, Vladivostok CW 07-10-2001 Sun 1554 (TI)
5170	E10	KPA2 USB 26-09-2001 Wed 2315
5170	E10	KPA2 USB 29-09-2001 Sat 2315
5170	E10	KPA2//6912 8127 USB 01-10-2001 Mon 1519 (TI)
5170	E10	KPA2//6912 8127 USB 02-10-2001 Tue 1616 (TI)
5170	E10	KPA2//6912 8127 USB 03-10-2001 Wed 1517 (TI)
5170	E10	KPA2 USB 05-10-2001 Fri 1620 (TI)
5170	E10	KPA2//6912 USB 06-10-2001 Sat 1520 (TI)
5170	E10	KPA2//6912 USB 07-10-2001 Sun 1719 (TI)
5170	E10	KPA2//6912 USB 07-10-2001 Sun 1816 (TI)
5170	E10	KPA2//6912 USB 07-10-2001 Sun 1917 (TI)
5170	E10	KPA2 USB 16-10-2001 Tue 2015

5170 E10 KPA2 USB 21-10-2001 Sun 2315
5175 E05 //6891 USB 10-03-2001 Wed 2200
5175 E05 in progress USB 10-07-2001 Sun 1043
5175 E05 in progress USB 10-07-2001 Sun 2230
5225 G04 Three note oddity is back ! USB 01-10-2001 Mon 0900
5230 E10 VLB2 USB 23-09-2001 Sun 2045
5230 E10 VLB2 USB 29-09-2001 Sat 2245
5230 E10 Mossad,Israeli Intelligence//7605 VLB2 USB 01-10-2001 Mon 1648 (AY)
5230 E10 VLB2//7605 USB 02-10-2001 Tue 1548 (TI)
5230 E10 VLB2//7605 USB 03-10-2001 Wed 1450 (TI)
5230 E10 VLB2//7605 USB 05-10-2001 Fri 1548 (TI)
5230 E10 VLB2//7605 USB 06-10-2001 Sat 1547 (TI)
5230 E10 VLB2//5230 USB 07-10-2001 Sun 1549 (TI)
5230 E10 VLB2//7605 USB 07-10-2001 Sun 1604 (TI)
5230 E10 VLB2//7605 USB 07-10-2001 Sun 1633 (TI)
5230 E10 VLB2//7605 USB 07-10-2001 Sun 1746 (TI)
5230 E10 VLB2//4165 7605 USB 07-10-2001 Sun 1847 (TI)
5230 E10 VLB2//7605 USB 07-10-2001 Sun 1947 (TI)
5230 E10 VLB2 USB 25-10-2001 Thu 2045
5339 E10 MIW2 USB 29-09-2001 Sat 2315
5339 E10 MIW2//6370 USB 02-10-2001 Tue 1617 (TI)
5339 E10 MIW2//6370 USB 05-10-2001 Fri 1717 (TI)
5339 E10 MIW2 USB 07-10-2001 Sun 1718 (TI)
5339 E10 MIW2//6370 USB 07-10-2001 Sun 1817 (TI)
5339 E10 MIW2//6370 USB 07-10-2001 Sun 1918 (TI)
5339 E10 MIW2 USB 16-10-2001 Tue 2015
5344 E17 in prog; ends 00000; heavy QRM from 900Hz shift FSK USB 10-11-2001 Thu 0310
5419 M08 CW 10-11-2001 Thu 0300
5435 E10 in progress USB 10-08-2001 Mon 2209
5435 E10 ART2 USB 25-09-2001 Tue 2030
5435 E10 ART2 USB 26-09-2001 Wed 2300
5435 E10 ART 29 NORMZ USB 26-09-2001 Wed 2330
5435 E10 ART USB 29-09-2001 Sat 2300
5435 E10 ART 36 CKLTX fast delivery USB 30-09-2001 Sun 2000
5435 E10 ART USB 02-10-2001 Tue 1603 (TI)
5435 E10 USB 03-10-2001 Wed 1518 (TI)
5435 E10 ART USB 03-10-2001 Wed 1532 (TI)
5435 E10 USB 07-10-2001 Sun 1706 (TI)
5435 E10 ART2 USB 07-10-2001 Sun 1904 (TI)
5435 E10 ART 55 UVEVG USB 21-10-2001 Sun 2300
5435 E10 in progress USB 24-10-2001 Wed 2305
5435 E10 ART weak USB 27-10-2001 Sat 0000
5437 E10 ART USB 07-10-2001 Sun 1832 (TI)
5437 E10 ART USB 07-10-2001 Sun 1832 (TI)
5465 MX R, Izhesk CW 01-10-2001 Mon 1422 (TI)
5465 MX R, Izhevsk CW 02-10-2001 Tue 1515 (TI)

5465	MX	R, Izhevsk CW 06-10-2001 Sat 1512 (TI)
5465	MX	R, Izhevsk CW 07-10-2001 Sun 1558 (TI)
5465.5	MX	'R' Izhevsk CW 30-09-2001 Sun 0006
5465.5	MX	'R' Izhevsk CW 21-10-2001 Sun 2323
5470	M10	555x3 186x3 23 450x3 29 (R5) (// freq on 7745m) CW 13-10-2001 Sat 0410
5470	M10	555x3 186x3 29 450x3 34 (// freq on 7745m) CW 21-10-2001 Sun 0410
5470	M10	555x3 186x3 26 450x3 40 (// freq on 7745m) CW 27-10-2001 Sat 0410
5470	M10	555x3 186x3 26 450x3 40 (// freq on 7745m) CW 28-10-2001 Sun 0410
5470	M29	"VVV DE VDE VDE" CW 10-02-2001 Tue 0600
5471		Unid 5FGs CW 29-10-2001 Mon 2112 (RGA)
5479,5	M51	French mil/intel. = NR 80 O 0923:27:31 2000 = 5LGs CW 09-10-2001 Tue 2123 (AB)
5480	M40	Noth Korean Intelligence CQ211 CW 07-10-2001 Sun 1400 (AY)
5520	S11A	in progress AM 08-10-2001 Mon 1930 (AB)
5715	V24	South Korean female AM 01-10-2001 Mon 1400 (AY)
5715	V24	South Korean female AM 01-10-2001 Mon 1430 (AY)
5715	V24	South Korean female AM 01-10-2001 Mon 1615 (AY)
5731,5	M21	Russian Air Defense. Plots CW 27-10-2001 Sat 2046
5731,6	M21	Russian Air Defense BT99 etc CW 06-10-2001 Sun 2018
5737	M10	555x3 186x3 32 450x3 24 (// freq on 6780m) CW 30-09-2001 Sun 0210
5737	M10	555x3 186x3 23 450x3 29 (R5) (// freq on 6780m) CW 14-10-2001 Sun 0210
5737	M10	555x3 186x3 26 450x3 40 (// freq on 6780m) CW 27-10-2001 Sat 0210
5737	M10	555x3 186x3 26 450x3 40 (// freq on 6780m) CW 28-10-2001 Sun 0210
5758	M08	CW 21-10-2001 Sun 0200
5758	M08	in progress CW 25-10-2001 Thu 0313
5758	M08	CW 10-12-2001 Fri 0300
5762	V02	AM 20-10-2001 Sat 0400
5762	V02a	AM/LSB suppressed USB carrier mode muddy audio AM 20-10-2001 Sat 0200
5763	V02a	ID=06323 45512 18273 Weak AM 27-10-2001 Sat 0400
5763	V02a	ID=0633 AM 27-10-2001 Sat 0400
5768	M08a	ID 83543 91943 58452 CW 30-09-2001 Sun 0200
5820	E10	USB 02-10-2001 Tue 1539 (TI)
5820	E10	USB 03-10-2001 Wed 1449 (TI)
5820	E10	USB 03-10-2001 Wed 1506 (TI)
5820	E10	YHF USB 03-10-2001 Wed 1532 (TI)
5820	E10	YHF USB 05-10-2001 Fri 1633 (TI)
5820	E10	YHF2 USB 05-10-2001 Fri 1703 (TI)
5820	E10	YHF USB 07-10-2001 Sun 1534 (TI)

5820 E10 YHF USB 07-10-2001 Sun 1634 (TI)
5820 E10 YHF//7918 10648 USB 07-10-2001 Sun 1803 (TI)
5820 E10 YHF2 USB 07-10-2001 Sun 1904 (TI)
5820 E10 YHF2//7918 USB 07-10-2001 Sun 1932 (TI)
5820 E10 YHF 2 msgs: 114 RFUEH/78 CUKES USB 16-10-2001 Tue 2000
5873 M21 Russian Air Defense BT99 etc weak and lots of QRM CW 06-10-2001 Sat 2204 (AB)
5873 M21 Russian Air Defense. Plots CW 27-10-2001 Sat 2051
6215 V24 South Korean female AM 01-10-2001 Tue 1600 (AY)
6270 E10 ULX 50 WDIPK USB 23-09-2001 Sun 2030
6270 E10 ULX USB 25-09-2001 Tue 2030
6270 E10 ULX 2 msgs: 44 UVMGB/77 HCXNZ USB 26-09-2001 Wed 2300
6270 E10 ULX 2 msgs: 76 DHEGE/48 UQBRX USB 30-09-2001 Sun 2030
6270 E10 USB 02-10-2001 Tue 1505 (TI)
6270 E10 ULX2 USB 02-10-2001 Tue 1604 (TI)
6270 E10 USB 03-10-2001 Wed 1506 (TI)
6270 E10 USB 04-10-2001 Thu 1505 (TI)
6270 E10 ULX USB 05-10-2001 Fri 1503 (TI)
6270 E10 Mossad,Israeli Intelligence ULX1 USB 05-10-2001 Fri 1604 (AY)
6270 E10 ULX USB 05-10-2001 Fri 1633 (TI)
6270 E10 ULX2 USB 05-10-2001 Fri 1703 (TI)
6270 E10 Israeli Intel ULX2 AM 05-10-2001 Fri 2203 (AB)
6270 E10 ULX USB 06-10-2001 Sat 1503 (TI)
6270 E10 USB 07-10-2001 Sun 1508 (TI)
6270 E10 ULX 2 msgs: 76 DHEGE/48 UQBRX USB 16-10-2001 Tue 2030
6270 E10 ULX 2 msgs: 76 DHEGE/48 UQBRX USB 23-10-2001 Tue 2030
6270 E10 ULX 69 RYGZF USB 24-10-2001 Wed 2300
6270 E10 in progress 2 msgs: 76 DHEGE/?? ????? USB 25-10-2001 Thu 2035
6270 E10 ID=ULX? count=?? Weak USB 27-10-2001 Sat 0400
6290 M40 Noth Korean Intelligence CQ211 CW 07-10-2001 Sun 1430 (AY)
6370 E10 MIW2 USB 29-09-2001 Sat 2315
6370 E10 MIW2//5339 USB 02-10-2001 Tue 1618 (TI)
6370 E10 MIW2//5339 USB 05-10-2001 Fri 1717 (TI)
6370 E10 MIW2//5339 USB 07-10-2001 Sun 1818 (TI)
6370 E10 MIW2//5339 USB 07-10-2001 Sun 1918 (TI)
6370 E10 MIW2 USB 21-10-2001 Sun 2315
6379 M22 Israeli navy Haifa VVV DE 4XZ CW 05-10-2001 Fri 2208
6417 XSL Slot Machine USB 03-10-2001 Wed 1513 (TI)
6417 XSL Slot Machine USB 07-10-2001 Sun 1826 (TI)
6445 XSL Slot Machine USB 03-10-2001 Wed 1512 (TI)
6445 XSL Slot Machine USB 07-10-2001 Sun 1827 (TI)
6498 E10 Mossad,Israeli Intelligence//8805 PCD2 USB 01-10-2001 Mon 1702 (AY)
6498 E10 USB 02-10-2001 Tue 1537 (TI)
6498 E10 PCD USB 03-10-2001 Wed 1533 (TI)

6498 E10 USB 05-10-2001 Fri 1535 (TI)
6498 E10 PCD2 USB 05-10-2001 Fri 1704 (TI)
6498 E10 Israeli Intel in progress. Buried under a very loud digi station AM 05-10-2001 Fri 2212 (AB)
6498 E10 USB 06-10-2001 Sat 1548 (TI)
6498 E10 USB 07-10-2001 Sun 1904 (TI)
6498 E10 PCD weak USB 27-10-2001 Sat 0000
6767 M63 A2A wkg out-stations on 5444 kHz CW 31-10-2001 Wed 0600 (JD)
6768 V02 in tfc USB 27-10-2001 Sat 0124
6768 V02 AM 29-10-2001 Mon 0400
6780 M10 555x3 186x3 32 450x3 24 (// freq on 5737m) CW 30-09-2001 Sun 0210
6780 M10 555x3 186x3 23 450x3 29 (R5) (// freq on 5737m) CW 14-10-2001 Sun 0210
6780 M10 555x3 186x3 26 450x3 40 (// freq on 5737m) CW 27-10-2001 Sat 0210
6780 M10 555x3 186x3 26 450x3 40 (// freq on 5737m) CW 28-10-2001 Sun 0210
6796 M08 CW 29-10-2001 Mon 1300
6796 M08a 10171 51262 37353 CW 27-10-2001 Sat 1200
6796 M08a ID 10173 25261 15812 (rpt of 1200z sked on 6982m) CW 29-10-2001 Mon 1300
6820 E06 361-879/116 37107 AM 28-09-2001 Fri 2200
6834 M10 555x3 767x3 37 009x3 31 CW 10-01-2001 Mon 0450
6840 E10 EZI USB 10-09-2001 Tue 0100
6840 E10 USB 07-10-2001 Sun 1905 (TI)
6840 E10 EZI AM 10-12-2001 Fri 0100
6855 V02 AM 29-10-2001 Mon 0300
6857 Unid. HR G5 HR MSG NR 001 CK 99 96 1028 0435= = (4FGs in cut numbers). Ends with BT AR CW 27-10-2001 Sat 2011 (RGA)
6865 E17 583 241 68 699 03 36897 74737 01290... Very strong. TX AM 10-10-2001 Wed 0200
6865 E17 repeat of Oct 10, 2001 AM 10-11-2001 Thu 0200
6865 E17 repeat of Oct 10, 2001 AM 10-11-2001 Thu 0200
6866 E06 Eastern European accent OM repeats 5 num groups 2x. AM 10-11-2001 Thu 0210
6866 M08a In TFC / very weak CW 10-01-2001 Mon 1400
6866 M08a 10171 51262 37353 (rpt of 1200z sked on 6796k) CW 27-10-2001 Sat 1300
6885 V09 Chinese female Guangzhou, Chinese Intelligence USB 05-10-2001 Fri 1500 (AY)
6886 M08 CW 19-10-2001 Fri 1200
6886 M13 387 387 387 ttt USB 10-08-2001 Mon 2012
6887 M13a 387 387 387 TTT CW 08-10-2001 Mon 2010 (AB)
6891 E05 in progress USB 10-07-2001 Sun 1043
6891 E05 in progress USB 10-07-2001 Sun 2220

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6891    E05    in progress usb 10-07-2001 Sun 2220
6892    M08    CW 10-08-2001 Mon 1200
6902    M08    CW 10-07-2001 Sun 1300
6907    S06    276x3  00000 AM 10-06-2001 Sat 1900
6912    E10    KPA (only one time) USB 10-03-2001 Wed 2314
6912    E10    KPA2 USB 10-03-2001 Wed 2315
6912    E10    KPA2 AM 10-05-2001 Fri 0620
6912    E10    KPA2 AM 10-07-2001 sun 2220
6912    E10    KPA2 USB 10-08-2001 Mon 2018
6912    E10    KPA2 USB 29-09-2001 Sat 2315
6912    E10    KPA2//5170 8127 USB 01-10-2001 Mon 1518 (TI)
6912    E10    KPA2 USB 02-10-2001 Tue 1521 (TI)
6912    E10    KPA2//5170 8127 USB 02-10-2001 Tue 1618 (TI)
6912    E10    KPA2//5170 8127 USB 03-10-2001 Wed 1518 (TI)
6912    E10    KPA2//8127 USB 04-10-2001 Thu 1519 (TI)
6912    E10    KPA2 USB 05-10-2001 Fri 1717 (TI)
6912    E10    KPA2//5170 USB 06-10-2001 Sat 1520 (TI)
6912    E10    KPA2//5170 USB 07-10-2001 Sun 1718 (TI)
6912    E10    KPA2//5170 USB 07-10-2001 Sun 1821 (TI)
6912    E10    KPA2//5170 USB 07-10-2001 Sun 1919 (TI)
6912    E10    KPA2 USB 16-10-2001 Tue 2015
6912    E10    KPA2 USB 21-10-2001 Sun 2315
6915    E06    623x3  00000 AM 10-06-2001 Sat 2015
6930    E10    CIO2 USB 29-09-2001 Sat 2245
6930    E10    Israeli Intel. CIO2 AM 14-10-2001 Sun 0151 (MADX)
6932    M08    CW 10-06-2001 Sat 1300
6932    M08    CW 30-10-2001 Tue 1300
6945    S17C   "555 555 ... pozor pozor... konec konec" USB
               28-10-2001 Sun 1250
6945    S17C   USB 29-10-2001 Mon 1250
6959    E03    Sharing freq with X6!!! USB 10-05-2001 Fri 2016
6959    E03    in progress with problems USB 10-08-2001 Mon 2019
6959    E03    Lincolnshire Poacher id 82847 USB 10-08-2001 Mon 2200
6959    E03    13694 USB 19-09-2001 Wed 2000
6959    E03    in progress USB 30-09-2001 Sun 1921
6959    E03    43865 USB 30-09-2001 Sun 2000
6959    E03    Lincolnshire Poacher //8464//11545 ID36995 USB
               01-10-2001 Mon 1706 (AY)
6959    E03    Lincolnshire Poacher in progress USB 05-10-2001 Fri
               2223 (AB)
6959    E03    Lincolnshire Poacher. id 82847 USB 08-10-2001 Mon 2200
                (AB)
6959    E03    USB 16-10-2001 Tue 1905
6959    E03    33055 USB 25-10-2001 Thu 2100
6959    X06    Sharing freq with LP!!! AM 10-05-2001 Fri 2016
6960    E05    up with FSK 5 number groops USB 10-07-2001 Sun 1400
6960    E05    332 USB 10-08-2001 Mon 2200
6960    E05    Counting Station. id 332 AM 08-10-2001 Mon 2200 (AB)
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6960    E05    in progress USB 16-10-2001 Tue 2241
6979.5  M21    Russian Air Defense CW 01-10-2001 Mon 1423 (TI)
6979.5  M21    Russian Air Defense CW 02-10-2001 Tue 1544 (TI)
6979.5  M21    Russian Air Defense CW 03-10-2001 Wed 1429 (TI)
6979.5  M21    Russian Air Defense CW 06-10-2001 Sat 1514 (TI)
6979.5  M21    Russian Air Defense CW 07-10-2001 Sun 1559 (TI)
6981    E05    USB 10-03-2001 Wed 2200
6981    E05    Count 202 AM 10-03-2001 Wed 2300
6982    M08    CW 21-10-2001 Sun 1300
6982    M08a   ID - - - - - 03811 09781 CW 10-01-2001 Mon 1203
6982    M08a   ID 10173 25261 15812 CW 29-10-2001 Mon 1200
6986    E10    ART USB 10-03-2001 Wed 2300
6986    E10    ART2 USB 26-09-2001 Wed 2300
6986    E10    ART USB 29-09-2001 Sat 2300
6986    E10    USB 03-10-2001 Wed 1505 (TI)
6986    E10    ART USB 04-10-2001 Thu 1504 (TI)
6986    E10    ART USB 05-10-2001 Fri 1504 (TI)
6986    E10    ART 55 UVEVG USB 21-10-2001 Sun 2300
6986    E10    in progress USB 24-10-2001 Wed 2305
7038,5  MX     M, Magadan CW 02-10-2001 Tue 1514 (TI)
7039    MX     C, Moscow CW 02-10-2001 Tue 1514 (TI)
7322    E10    FTJ USB 07-10-2001 Sun 1933 (TI)
7322    E10    in progress USB 25-10-2001 Thu 2035
7445    E10    SYN2 USB 23-09-2001 Sun 2045
7445    E10    SYN2 USB 29-09-2001 Sat 2245
7445    E10    SYN2//4780 USB 05-10-2001 Fri 1648 (TI)
7445    E10    SYN2 USB 07-10-2001 Sun 1747 (TI)
7445    E10    SYN2//4780 USB 07-10-2001 Sun 1848 (TI)
7445    E10    SYN2 USB 07-10-2001 Sun 1947 (TI)
7445    E10    SYN2 USB 25-10-2001 Thu 2045
7519    M08a   ID 11761 18802 25941 CW 10-01-2001 Mon 1300
7519    M08a   ID 03111 15632 70463 CW 10-01-2001 Mon 2200
7519    M08a   ID 65663 93361 07291 CW 15-10-2001 Mon 2200
7519    M08a   ID 45913 15241 81162 CW 19-10-2001 Fri 2200
7519    M08a   ID 60283 00431 75283 CW 29-10-2001 Mon 1300
7519    M08a   ID 30332 93611 63532 CW 29-10-2001 Mon 2200
7519    M08a   ID 65662 40573 99493 CW 10-12-2001 Fri 2200
7526    X06    FAPSI selcall AM 05-10-2001 Fri 2002 (AB)
7540    E10    USB 03-10-2001 Wed 1411 (TI)
7540    E10    USB 04-10-2001 Thu 1441 (TI)
7555    M08a   ID 99542 31151 53801 CW 10-05-2001 Fri 0800
7555    V02    AM 21-10-2001 Sun 0300
7556    M08a   ID 46693 27343 87163 CW 10-03-2001 Wed 0800
7556    M08a   ID 01821 31153 53803 CW 10-12-2001 Fri 0800
7581    M08a   ID 99541 27344 87164 CW 10-04-2001 Thu 0800
7581    M08a   ID 09423 78641 15511 CW 10-11-2001 Thu 0800
7605    E10    VLB2 USB 29-09-2001 Sat 2245
7605    E10    VLB2//5230 USB 02-10-2001 Tue 1549 (TI)
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7605 E10 VLB2//5230 USB 03-10-2001 Wed 1449 (TI)
7605 E10 VLB2//5230 USB 05-10-2001 Fri 1546 (TI)
7605 E10 VLB2//4165 USB 05-10-2001 Fri 1647 (TI)
7605 E10 VLB2//5230 USB 06-10-2001 Sat 1549 (TI)
7605 E10 VLB2//7605 USB 07-10-2001 Sun 1548 (TI)
7605 E10 VLB2//5230 USB 07-10-2001 Sun 1603 (TI)
7605 E10 VLB2//5230 USB 07-10-2001 Sun 1634 (TI)
7605 E10 VLB2//5230 USB 07-10-2001 Sun 1747 (TI)
7605 E10 VLB2//4165 5230 USB 07-10-2001 Sun 1848 (TI)
7605 E10 VLB2//5230 USB 07-10-2001 Sun 1948 (TI)
7605 E10 Israeli Intel VLB group 9, 66 AM 11-10-2001 Thu 1643
7605 E10 VLB2 USB 25-10-2001 Thu 2045
7630 M14 256-789/23 MCW 10-06-2001 Sat 2100
7668 M16 8BY. DGSE 780/364/893/860 CW 01-10-2001 Mon 1945 (RGA)
7668 M16 8BY. DGSE. 3FGs CW 27-10-2001 Sat 1951 (RGA)
7675 E06 428 310 712 AM 24-10-2001 Wed 1900
7745 M10 555x3 186x3 23 450x3 29 (R5) (// freq on 5470m) CW
13-10-2001 Sat 0410
7745 M10 555x3 186x3 29 450x3 34 (// freq on 5470m) CW
21-10-2001 Sun 0410
7745 M10 555x3 186x3 26 450x3 40 (// freq on 5470m) CW
27-10-2001 Sat 0410
7745 M10 555x3 186x3 26 450x3 40 (// freq on 5470m) CW
28-10-2001 Sun 0410
7750 V09 Guangzhou, Chinese Intelligence//10750.0 LSB
05-10-2001 Fri 1629 (AY)
7760 E10 ULX USB 02-10-2001 Tue 1504 (TI)
7760 E10 USB 03-10-2001 Wed 1505 (TI)
7760 E10 ULX2 USB 03-10-2001 Wed 1533 (TI)
7760 E10 ULX USB 04-10-2001 Thu 1503 (TI)
7760 E10 ULX2 USB 06-10-2001 Sat 1533 (TI)
7860 V02 Atencion 962 05, 05 59 AM 14-10-2001 Sun 1100
7887 V02 AM 21-10-2001 Sun 0200
7887 V02a ID=83651 98112 38531 Weak, noise interference AM
28-10-2001 Sun 0300
7890 M08 CW 30-10-2001 Tue 1200
7918 E10 YHF USB 02-10-2001 Tue 1504 (TI)
7918 E10 USB 02-10-2001 Tue 1605 (TI)
7918 E10 YHF USB 03-10-2001 Wed 1502 (TI)
7918 E10 YHF USB 04-10-2001 Thu 1503 (TI)
7918 E10 USB 05-10-2001 Fri 1505 (TI)
7918 E10 YHF USB 05-10-2001 Fri 1602 (TI)
7918 E10 YHF USB 06-10-2001 Sat 1502 (TI)
7918 E10 YHF//5820 10648 USB 07-10-2001 Sun 1803 (TI)
7918 E10 YHF2//5820 USB 07-10-2001 Sun 1933 (TI)
7918 E10 YHF 2 msgs: 114 RFUEH/78 CUKES USB 16-10-2001 Tue 2000
7960 E05 Counting Station 332 USB 10-08-2001 Mon 2200
8009 M08 CW 15-10-2001 Mon 2330

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8009    M08    CW 17-10-2001 Wed 2300
8009    M08a   ID 03111 15632 70463   Rpt of 1 Oct 01 sked at 2200 CW
                10-01-2001 Mon 2300
8009    M08a   ID 55302 13362 81622 CW 10-10-2001 Wed 2300
8009    M08a   ID 93363 97971 61121 CW 17-10-2001 Wed 2300
8009    M08a   ID 45912 92121 81161 CW 18-10-2001 Thu 2200
8009    M08a   ID 30332 93611 63532 (rpt of 2200z sked on 7519m) CW
               29-10-2001 Mon 2300
8009    M08a   ID 65661 40572 99492 CW 10-11-2001 Thu 2200
8050    E07    Russian Man AM 09-10-2001 Tue 2100 (AB)
8050    M42    FAPSI Crowd36 23-10-2001 Tue 1732 (RH2)
8050    M42    FAPSI CROWD36 23-10-2001 Tue 1732 (HPT)
8060    G06    308-0(?)75/86  10689 AM 10-01-2001 Mon 2000
8070    M31    VVVx5 DE FDGx3  AR CW 19-10-2001 Fri 0450
8074           Unid 5LGs CW 23-09-2001 Sun 1207 (EW)
8080    E05    //10321    494  53  99942 USB 21-09-2001 Fri 2100
8080    E05    Call 891 Count 132 223/23 ... USB 25-10-2001 Thu 2100
8096    V02    In progress. Erratic cadence consistent with
               handkeying AM 18-10-2001 Thu 0615
8097    V02a   ID ----- ----- ----- (in progress) (YL/SS) AM
               10-04-2001 Thu 0605
8097    V02a   ID=68993 26651 06321; strong clear signal (S8),
               muffled AM 25-10-2001 Thu 0505
8097    V02a   ID=88051 95573 47892 Good signal AM 27-10-2001 Sat
8097    V02a?  ID=??  In progress, strong clear signal, muffled
               audio. AM 25-10-2001 Thu 0615
8112    M10    555x3 767x3 37 009x3 31 CW 10-01-2001 Mon 0450
8127    E10    KPA2//5170 6912 USB 01-10-2001 Mon 1517 (TI)
8127    E10    KPA2//6912 5170 USB 02-10-2001 Tue 1619 (TI)
8127    E10    KPA2//5170 6912 USB 03-10-2001 Wed 1519 (TI)
8127    E10    KPA2//6912 USB 04-10-2001 Thu 1519 (TI)
8130    XPH    Polytone station. sked 511 AM 16-10-2001 Tue 2040 (AB)
8135    E06    361-879/116   37101 AM 28-09-2001 Fri 2100
8135    M08a   ID 45912 92121 81161 CW 18-10-2001 Thu 2300
8135    M08a   ID 45913 15241 81162 CW 19-10-2001 Fri 2300
8135    M08a   ID 65661 40572 99492 (rpt of 2200z sked) CW 10-11-2001
                Thu 2300
8136    M08    in prog. CW 10-11-2001 Thu 2315
8136    M08a   ID 00721 43283 21423 CW 22-10-2001 Mon 0700
8153           Foghorn AM 23-09-2001 Sun 1218 (EW)
8157    M24    891x3 00000 (R4) (null sked) CW 10-03-2001 Wed 0800
8157    M24    891x3 00000 (R4) (null sked) CW 16-10-2001 Tue 0800
8157    M24    891x3 00000 (null sked) CW 23-10-2001 Tue 0800
8157    M24    891x3 00000 (R4) CW 10-11-2001 Thu 0800
8157    M24    891x3 00000 (R4) CW 10-12-2001 Fri 0800
8186    M08a   ID ----- ----- ----- (in progress) CW 10-02-2001 Tue
8186    M08a   ID 72811 43151 81071 CW 16-10-2001 Tue 0700
8190    M10    555 555 555 434 434 434 29 (repeated at 1500 on 9 Oct)
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		CW 08-10-2001 Mon 1500 (AB)
8190	S17C	USB 29-10-2001 Mon 1250
8253	V02	674 08 (R2) 08 50x4 ((YL/SS) AM 24-10-2001 Wed 1030
8300	V13	YL/CC 4FGx2 in prog // 13750 USB 10-09-2001 Tue 1338
8300	V13	New Star //9725 11430 AM 01-10-2001 Mon 1500 (TI)
8300	V13	New Star //9725 11430 AM 02-10-2001 Tue 1509 (TI)
8300	V13	New Star //9725 11430 AM 02-10-2001 Tue 1559 (TI)
8300	V13	New Star //9725 11430 AM 03-10-2001 Wed 1414 (TI)
8300	V13	New Star //9725 11430 AM 03-10-2001 Wed 1510 (TI)
8300	V13	New Star //9725 11430 AM 05-10-2001 Fri 1511 (TI)
8300	V13	New Star //11430 AM 06-10-2001 Sat 1313 (TI)
8300	V13	New Star AM 06-10-2001 Sat 1516 (TI)
8307	M23	579 (R10) (didn't hear // freq) CW 10-11-2001 Thu 0800
8307	M23	579 (R10) (// freq on 9285m) CW 10-12-2001 Fri 0800
8494,5	MX	M, Magadan CW 02-10-2001 Tue 1540 (TI)
8494,6	MX	D, Odessa CW 07-10-2001 Sun 1556 (TI)
8495	MX	C, Moscow CW 01-10-2001 Mon 1421 (TI)
8495	MX	C, Moscow CW 06-10-2001 Sat 1510 (TI)
8495,2	MX	F. Vladivostok CW 01-10-2001 Mon 1421 (TI)
8495,2	MX	F, Vladivostok CW 06-10-2001 Sat 1308 (TI)
8495,2	MX	F, Vladivostok CW 06-10-2001 Sat 1510 (TI)
8495,2	MX	F, Vladivostok CW 07-10-2001 Sun 1556 (TI)
8555	XSL	Slot Machine 05-10-2001 Fri 2142 (AB)
8588	XSL	Slot Machine USB 03-10-2001 Wed 1512 (TI)
8588	XSL	Slot Machine USB 05-10-2001 Fri 1558 (TI)
8641	E10	MIW2 USB 03-10-2001 Wed 1520 (TI)
8641	E10	MIW2//10125 USB 04-10-2001 Thu 1520 (TI)
8641	E10	MIW2 USB 05-10-2001 Fri 1619 (TI)
8675	V02a	616 05.. very weak, QRM. call-up over 10 minutes long AM 10-10-2001 Wed 0200
8703	XSL	Slot Machine. Still no clue who or what system this is 06-10-2001 Sat 2206 (AB)
8703.5	XSL	Slot Machine USB 05-10-2001 Fri 1608 (TI)
8704	XSL	Slot Machine USB 03-10-2001 Wed 1512 (TI)
8805	E10	PCD USB 05-10-2001 Fri 1733 (TI)
8805	E10	PCD USB 06-10-2001 Sat 1533 (TI)
8805	E10	USB 07-10-2001 Sun 1539 (TI)
8805	E10	PCD2 USB 07-10-2001 Sun 1734 (TI)
8992		Unid. Russian male with various 10-counts. Short msgs 'pryom'. Later wkg female operator USB 16-10-2001 Tue 1910 (AB)
9045	M14	256-789/23 MCW 10-06-2001 Sat 2000
9061	S06	Loud and clear AM 21-10-2001 Sun 1545
9073		Foghorn AM 23-09-2001 Sun 1213 (EW)
9090	E05	AM 10-03-2001 Wed 2200
9090	E05	332 //6960 USB 10-08-2001 Mon 2200
9130	E10	EZI ?? BTDYE USB 10-02-2001 Tue 0300
9130	E10	EZI USB 10-07-2001 Sun 2200

9130 E10 EZI 4 YGBJA JYTHC DEQNJ IANHS USB 23-09-2001 Sun 2030
9130 E10 EZIi 2 msgs: 74 PCUWB/60 SBFFQ USB 25-09-2001 Tue 2030
9130 E10 EZI 86 PBBAS slow delivery USB 30-09-2001 Sun 2000
9130 E10 USB 07-10-2001 Sun 1734 (TI)
9130 E10 USB 07-10-2001 Sun 1849 (TI)
9130 E10 USB 07-10-2001 Sun 1905 (TI)
9130 E10 AM 16-10-2001 Tue 1910
9130 E10 EZI 57 MGNIW USB 23-10-2001 Tue 2030
9152 M08 CW 10-06-2001 Sat 1200
9153 V02a ID=?? Extremely strong, clear signal (S9) AM 27-10-2001 Sat 0704
9216 E17 305 305 305 98 98 AM 27-10-2001 Sat 1130
9216 M42 "GMN" QRU (bad RTTY QRM) RTTY 25-10-2001 Thu 0052
9219 E05 483 USB 10-08-2001 Mon 2200
9220 V02? Found in progress. Very strong in midwest. SS/YL. Carri AM 10-11-2001 Thu 0215
9230 V02 ID=697 03 / 03 52; noisy AM 21-10-2001 Sun 0800
9239 M08a ID 67134 80282 94001 CW 30-09-2001 Sun 1100
9251 E03 AM 10-07-2001 Sun 1800
9251 E03 in progress USB 25-09-2001 Tue 2023
9251 E03 in progress USB 30-09-2001 Sun 1921
9251 E03 43865 USB 30-09-2001 Sun 2000
9251 E03 Lincolnshire Poacher in progress USB 05-10-2001 Fri 2223 (AB)
9251 E03 USB 16-10-2001 Tue 1905
9251 E03 33055 USB 25-10-2001 Thu 2100
9285 579 for minutes CW 09-10-2001 Tue 1408 (RGA)
9285 M23 579 (R10) (// freq on 8307m) CW 10-12-2001 Fri 0800
9323 5 letter CW groups with break and repeated ID as WRWIU CW 10-02-2001 Tue 1020
9323 V02a In prog AM 25-10-2001 Thu 0436
9330 M08 CW 29-10-2001 Mon 0400
9331 M08a ID 37924 89571 76841 CW 10-01-2001 Mon 1200
9331 M08a 15711 89042 62142 CW 26-10-2001 Fri 1200
9331 M08a ID 35641 25622 13352 CW 29-10-2001 Mon 1200
9331 V02a A 11231 90441 01101 AM 29-10-2001 Mon 0600
9342 M13 517 (R5) BT 210 21 BT CW 15-10-2001 Mon 2000
9600 M23 555 (R10) (null sked) (found // freq on 10650m) CW 21-10-2001 Sun 0600
9600 M23 555 (R10) (null sked) (// freq on 10650m) CW 27-10-2001 Sat 0600
9600 M23 555 (R10) (// freq nil heard on 10650m) CW 28-10-2001 Sun 0600
9725 V13 New Star //8300 11430 AM 01-10-2001 Mon 1500 (TI)
9725 V13 New Star //8300 11430 AM 02-10-2001 Tue 1509 (TI)
9725 V13 New Star //8300 11430 AM 02-10-2001 Tue 1559 (TI)
9725 V13 New Star //8300 11430 AM 03-10-2001 Wed 1414 (TI)
9725 V13 New Star//8300 11430 AM 03-10-2001 Wed 1510 (TI)

9725	V13	New Star AM 04-10-2001 Thu 1446 (TI)
9725	V13	New Star //8300 11430 AM 05-10-2001 Fri 1511 (TI)
9725	V13	New Star AM 06-10-2001 Sat 1516 (TI)
9960	E05	USB 10-03-2001 Wed 2200
10046	M22	4Xz with tfc CW 10-08-2001 Mon 0000
10046	M22	4XZ cw mkr CW 15-10-2001 Mon 2345
10125	E10	MIW2 USB 01-10-2001 Mon 1516 (TI)
10125	E10	MIW2 USB 02-10-2001 Tue 1520 (TI)
10125	E10	MIW2//8641 USB 04-10-2001 Thu 1520 (TI)
10125	E10	MIW2 USB 05-10-2001 Fri 1517 (TI)
10125	E10	MIW2 USB 06-10-2001 Sat 1519 (TI)
10125	M08	very strong CW 20-10-2001 Sat 0400
10155	XPH	Polytone Station, null msg AM 05-10-2001 Fri 2020 (AB)
10155	XPH	Polytone station. sked 511 AM 16-10-2001 Tue 2020 (AB)
10216	M08a	71442 01611 34513 CW 26-10-2001 Fri 1100
10235	M08	CW 30-10-2001 Tue 0400
10235	M08a	In prog. CW 26-10-2001 Fri 0403
10248	M16	8BY. DGSE 3LGs CW 30-10-2001 Tue 1957 (RGA)
10254	XPH	Null message AM 26-10-2001 Fri 2020
10321	E05	//8080 494 53 99942 poorer sgl than on 8080 USB 21-09-2001 Fri 2100
10321	E05	Call 891 Count 132 223/23 ... USB 25-10-2001 Thu 2100
10426	E03	USB 10-06-2001 Sat 2000
10426	E03	qrm from rtty and missed call up USB 10-09-2001 Tue
10426	E03	94598//14487 USB 01-10-2001 Mon 1418 (TI)
10426	E03	94598 USB 02-10-2001 Tue 1500 (TI)
10426	E03	36995//11545 USB 07-10-2001 Sun 1606 (TI)
10426	E03	Jammed very shortly afterwards AM 21-10-2001 Sun 1605
10446	M08a	ID 37152 69303 22073 CW 10-03-2001 Wed 0800
10446	M08a	ID 09681 25182 58622 CW 10-05-2001 Fri 0800
10446	M08a	ID 09422 64413 24573 CW 10-08-2001 Mon 0800
10446	M08a	ID 40233 28301 34321 CW 10-12-2001 Fri 0800
10446	V02	in progress AM 10-08-2001 Mon 0310
10446	V02	AM 17-10-2001 Wed 0300
10500	V09	null msg, chinese , fm vx AM 22-09-2001 Sat 1800
10527	E05	941 146 96049 USB 21-09-2001 Fri 2200
10527	E05	Counting Station in progress USB 05-10-2001 Fri 2221
10566	M08	CW 10-07-2001 Sun 1300
10566	M08	in progress CW 01-10-2001 Mon 1304 (MADX)
10566	M08a	ID 35641 25622 13352 (rpt of 1200z sked on 9331m) CW 29-10-2001 Mon 1300
10648	E10	USB 02-10-2001 Tue 1605 (TI)
10648	E10	USB 05-10-2001 Fri 1618 (TI)
10648	E10	YHF USB 07-10-2001 Sun 1602 (TI)
10648	E10	YHF//5820 7918 USB 07-10-2001 Sun 1804 (TI)
10648	E10	YHF USB 07-10-2001 Sun 1833 (TI)
10648	E10	YHF USB 07-10-2001 Sun 1833 (TI)
10648	E10	i/p with 37 group message jamme on 7918 USB 25-10-2001

		Thu 2035
10650	M23	555 (R10) (null sked) CW 20-10-2001 Sat 0600
10650	M23	555 (R10) (null sked) (found // freq on 9600m) CW 21-10-2001 Sun 0600
10650	M23	555 (R10) (null sked) (// freq on 9600m) CW 27-10-2001 Sat 0600
10711		546 + 5FGs in fast morse CW 18-10-2001 Thu 1640 (RGA)
10750	V09	Chinese female Guangzhou, Chinese Intelligence AM 03-10-2001 Wed 1500 (AY)
10820	E10	CIO2//13555 USB 02-10-2001 Tue 1550 (TI)
10820	E10	Mossad,Israeli Intelligence//13555.0 PCD2 USB 05-10-2001 Fri 1547 (AY)
10820	E10	CIO2 USB 05-10-2001 Fri 1646 (TI)
10820	E10	CIO2 USB 06-10-2001 Sat 1549 (TI)
10820	E10	CIO2//13533 USB 07-10-2001 Sun 1649 (TI)
10820	E10	CIO2//13555 USB 07-10-2001 Sun 1749 (TI)
10820	E10	CIO2//13555 USB 07-10-2001 Sun 1849 (TI)
10820	E10	CIO2//13555 USB 07-10-2001 Sun 1948 (TI)
10858	M08a	15712 89043 92143 CW 27-10-2001 Sat 1200
10871,5	MX	M, Magadan CW 02-10-2001 Tue 1541 (TI)
10871,9	MX	S, Arkhangelsk CW 06-10-2001 Sat 1511 (TI)
10871,9	MX	S, Arkhangelsk CW 07-10-2001 Sun 1556 (TI)
10871,9	MX	S, Arkhangelsk CW 07-10-2001 Sun 1632 (TI)
10872	MX	C, Moscow CW 01-10-2001 Mon 1421 (TI)
10872	MX	C, Moscow CW 02-10-2001 Tue 1541 (TI)
10872	MX	C, Moscow CW 06-10-2001 Sat 1309 (TI)
10872	MX	C, Moscow CW 06-10-2001 Sat 1511 (TI)
10872	MX	C, Moscow CW 07-10-2001 Sun 1556 (TI)
10872	MX	C, Moscow CW 07-10-2001 Sun 1632 (TI)
10922	M10	555x3 127x3 19 509x3 27 CW 20-10-2001 Sat 0700
10940		Unid 5LGs CW 23-09-2001 Sun 1214 (EW)
11150	S06	ip 469/203 AM 22-09-2001 Sat 1835
11153.7		Stn in TOR mode A sending 5lg poss. U.N. stn RTTY 10-09-2001 Tue 2330
11177		Foghorn AM 03-10-2001 Wed 1045 (EW)
11424	M13	714 (R5) (QRM blocks) CW 10-11-2001 Thu 2000
11430	V13	New Star//8300 9725 AM 01-10-2001 Mon 1500 (TI)
11430	V13	New Star //8300 9725 AM 02-10-2001 Tue 1509 (TI)
11430	V13	New Star //8300 9725 AM 02-10-2001 Tue 1559 (TI)
11430	V13	New Star //8300 9725 AM 03-10-2001 Wed 1414 (TI)
11430	V13	New Star //8300 9725 AM 03-10-2001 Wed 1510 (TI)
11430	V13	New Star //8300 9725 AM 05-10-2001 Fri 1511 (TI)
11430	V13	New Star //8300 AM 06-10-2001 Sat 1313 (TI)
11430	V13	New Star AM 06-10-2001 Sat 1516 (TI)
11432	M08?	in progress CW 20-10-2001 Sat 0820
11432	M08a	ID ----- ----- ----- (up late and in progress) CW 10-04-2001 Thu 0804
11432	M08a	ID 62893 65051 92431 CW 16-10-2001 Tue 0800

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11432    M08a   ID 56021 93512 55972 CW 23-10-2001 Tue 0800
11432    M08a   ID 40232 05433 39023 CW 01-11-2001 Thu 0800
11524    M13    253 (R5) BT 208 21 BT CW 19-10-2001 Fri 2000
11535    E10    ID=EZI count=??  faint USB 27-10-2001 Sat 0400
11535    E10    ID=EZI count=??  faint USB 27-10-2001 Sat 0400
11542    XPH    Polytone Station, null msg AM 05-10-2001 Fri 2000 (AB)
11542    XPH    Polytone station. sked 511 AM 16-10-2001 Tue 2000 (AB)
11545    E03    USB 10-06-2001 Sat 2000
11545    E03    USB 10-09-2001 Tue 1905
11545    e03    very good today missed call up USB 10-09-2001 Tue 2220
11545    E03    77186 USB 29-09-2001 Sat 1400
11545    E03    in progress USB 30-09-2001 Sun 1921
11545    E03    43865 USB 30-09-2001 Sun 2000
11545    E03    92115//13375 USB 01-10-2001 Mon 1506 (TI)
11545    E03    92115//13375 USB 02-10-2001 Tue 1601 (TI)
11545    E03    82845//14487 USB 03-10-2001 Wed 1507 (TI)
11545    E03    07758//13375 USB 05-10-2001 Fri 1507 (TI)
11545    E03    USB 06-10-2001 Sat 1515 (TI)
11545    E03    92115 USB 07-10-2001 Sun 1400 (TI)
11545    E03    80384 USB 07-10-2001 Sun 1504 (TI)
11545    E03    36995//10426 USB 07-10-2001 Sun 1606 (TI)
11545    E03    48472 USB 07-10-2001 Sun 1700 (TI)
11545    E03    87489 USB 07-10-2001 Sun 1908 (TI)
11545    E03    L.P. USB 13-10-2001 Sat 1400
11545    E03    USB 13-10-2001 Sat 2136
11545    E03    good signal strength USB 15-10-2001 Mon 2030
11564           849 50 042 95 140 33 270 98 014 AM 10-08-2001 Mon 1900
11565    E10    in progress USB 10-08-2001 Mon 0310
11565    E10    EZI 86 PBBAS slow delivery USB 30-09-2001 Sun 2000
11565    E10    EZI2//13533 USB 05-10-2001 Fri 1603 (TI)
11565    E10    USB 05-10-2001 Fri 1635 (TI)
11565    E10    USB 05-10-2001 Fri 1718 (TI)
11565    E10    EZI2//13533 USB 07-10-2001 Sun 1602 (TI)
11565    E10    USB 07-10-2001 Sun 1705 (TI)
11565    E10    USB 07-10-2001 Sun 1807 (TI)
11565    E10    EZI//13533 USB 07-10-2001 Sun 1834 (TI)
11565    E10    EZI//13533 USB 07-10-2001 Sun 1834 (TI)
11565    E10    USB 07-10-2001 Sun 1906 (TI)
11565    E10    EZI USB 07-10-2001 Sun 1934 (TI)
11565    E10    AM 16-10-2001 Tue 1910
11565    E10    EZI USB 10-11-2001 Thu 0100
11566           female voice, numbers, in prog. USB 25-10-2001 Thu
11566    V02    AM 10-12-2001 Fri 0300
11566    V02a   In prog; A _____ 40542 96111; slow dos; fast uno &
                cero AM 26-10-2001 Fri 0315
11567    M08a   ID 93372 63762 01182 CW 10-01-2001 Mon 1700
11637    M42    GMN with test slip - no tfc 74 baud RTTY 10-04-2001
11637    M42    "GMN" QRU RTTY 18-09-2001 Tue 0045
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11637	M42	"GMN" QRU (bad BCST QRM) RTTY 25-10-2001 Thu 0045
11656	E10	EZI AM 10-12-2001 Fri 0100
12093	M08a	15712 89043 92143 (rpt of 1200z sked on 10858k) CW 27-10-2001 Sat 1300
12107	XPH	Null message, very strong signal AM 10-05-2001 Fri
12111	SA2N	Unid each 15 mins msgs like FRK1792, FRT9737 CW 07-10-2001 Sun 1015 (AB)
12119	M08	CW 10-09-2001 Tue 0100
12119	M08	CW 16-10-2001 Tue 0100
12119	M08	CW 30-10-2001 Tue 0100
12165	V02	AM 29-10-2001 Mon 0200
12165	V02a	In prog; A _____ _____ 79021 AM 29-10-2001 Mon 0226
12196	M42	"WFO" RTTY 22-10-2001 Mon 2158
12603	E03	USB 10-06-2001 Sat 1800
12603	E03	USB 10-07-2001 Sun 1800
12603	E03	82845//14487 USB 02-10-2001 Tue 1406 (TI)
12615	V02	in progress AM 22-10-2001 Mon 0205
12950	E10	USB 10-06-2001 Sat 2200
12987		Unid 5LGs CW 23-09-2001 Sun 0745 (EW)
13374	M08a	ID 93372 63762 01182 Rpt of 1 Oct 01 sked at 1700 CW 10-01-2001 Mon 1800
13375	E03	92117 92117 92117 92117 92117 92117 92117 92114 72852 USB 10-09-2001 Tue 1600
13375	E03	92115//11545 USB 01-10-2001 Mon 1500 (TI)
13375	E03	92115//11545 USB 02-10-2001 Tue 1600 (TI)
13375	E03	90958 USB 04-10-2001 Thu 1500 (TI)
13375	E03	07758//11545 USB 05-10-2001 Fri 1500 (TI)
13375	E03	90958 USB 05-10-2001 Fri 1601 (TI)
13375	E03	80384 USB 07-10-2001 Sun 1500 (TI)
13400	M23	555 (R10) (null sked) CW 28-10-2001 Sun 2000
13450	M24	908x3 00000 (R4) (null sked) CW 10-03-2001 Wed 0000
13451	M24	908x3 00000 (R4) CW 10-12-2001 Fri 0000
13452	M42	"JMS" QRU RTTY 24-10-2001 Wed 2232
13465	E05	USB 10-07-2001 Sun 1800
13465	E05	"126" (same as a week ago) AM 14-10-2001 Sun 1800
13527,9	MX	S, Arkhangelsk CW 07-10-2001 Sun 1600 (TI)
13528	MX	C, Moscow CW 07-10-2001 Sun 1600 (TI)
13533	E10	in progress USB 10-06-2001 Sat 1724
13533	E10	EZI USB 10-07-2001 Sun 2100
13533	E10	Mossad,Israeli Intelligence//11565 EZI USB 01-10-2001 Mon 1701 (AY)
13533	E10	EZI2//11565 USB 05-10-2001 Fri 1604 (TI)
13533	E10	USB 05-10-2001 Fri 1635 (TI)
13533	E10	USB 05-10-2001 Fri 1705 (TI)
13533	E10	USB 05-10-2001 Fri 1719 (TI)
13533	E10	EZI2//11565 USB 07-10-2001 Sun 1602 (TI)
13533	E10	CIO2//10820 USB 07-10-2001 Sun 1649 (TI)
13533	E10	USB 07-10-2001 Sun 1704 (TI)

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13533    E10    USB 07-10-2001 Sun 1805 (TI)
13533    E10    EZI//11565 USB 07-10-2001 Sun 1834 (TI)
13533    E10    EZI//11565 USB 07-10-2001 Sun 1834 (TI)
13533    E10    USB 07-10-2001 Sun 1934 (TI)
13533    E10    ID=EZI count=49 Marginally stronger than 11535 USB
                27-10-2001 Sat 0400
13533    E10    ID=EZI count=? Marginally stronger than 11535 USB
                27-10-2001 Sat 0400
13555    E10    CIO2//10820 USB 02-10-2001 Tue 1551 (TI)
13555    E10    CIO2 USB 03-10-2001 Wed 1447 (TI)
13555    E10    CIO2 USB 06-10-2001 Sat 1550 (TI)
13555    E10    CIO2//10820 USB 07-10-2001 Sun 1749 (TI)
13555    E10    CIO2//10820 USB 07-10-2001 Sun 1850 (TI)
13555    E10    CIO2//10820 USB 07-10-2001 Sun 1949 (TI)
13750    V13    YL/CC 4FGx2 in prog // 8300 USB 10-09-2001 Tue 1338
13988    M24    934x3 00000 (R4) (null sked) CW 10-04-2001 Thu 0000
14000    E15    Nancy Adam Susan USB 03-10-2001 Wed 1400 (AY)
14000    E15    Nancy Adam Susan USB 03-10-2001 Wed 1405 (TI)
14000    E15    Nancy Adam Susan USB 07-10-2001 Sun 1702 (TI)
14402    M42    "UGL" with CW to another stn til 1210 then into RTTY
                wi RTTY 10-09-2001 Tue 1200
14402    M42    &RTTY in qso with "UGL" CW 19-10-2001 Fri 1200
14402    M42    "UGL" in 2-way QSO - other stn on RTTY CW 10-11-2001
                Thu 1200
14450    M23    555 (R10) (null sked) CW 28-10-2001 Sun 2200
14450    M23    555 (R10) (null sked) CW 29-10-2001 Mon 2200
14457    M42    WFO  tfc at 100 baud RTTY 10-04-2001 Thu 2128
14457    M42    "WFO" RTTY 22-10-2001 Mon 2110
14457    M42    "WFO" RTTY 22-10-2001 Mon 2135
14457    M42    "WFO" RTTY 22-10-2001 Mon 2145
14457    M42    "WFO" RTTY 22-10-2001 Mon 2216
14457    M42    "WFO" RTTY 23-10-2001 Tue 2127
14457    M42    "WFO" CW 23-10-2001 Tue 2145
14457    M42    "WFO" RTTY 24-10-2001 Wed 1332
14457    M42    "WFO" RTTY 24-10-2001 Wed 2119
14457    M42    "WFO" RTTY 24-10-2001 Wed 2144
14487           USB 10-07-2001 Sun 1300
14487    E03    USB 10-06-2001 Sat 1300
14487    E03    USB 10-06-2001 Sat 1400
14487    E03    USB 10-07-2001 Sun 1300
14487    E03    USB 10-07-2001 Sun 1400
14487    E03    USB 10-08-2001 Mon 1200
14487    E03    02851 USB 29-09-2001 Sat 1300
14487    E03    77186 USB 29-09-2001 Sat 1400
14487    E03    94598//10426 USB 01-10-2001 Mon 1402 (TI)
14487    E03    82845//12603 USB 02-10-2001 Tue 1406 (TI)
14487    E03    //15682 USB 03-10-2001 Wed 1300 (TI)
14487    E03    Lincolnshire Poacher //15682//16084 ID87489 USB
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		03-10-2001 Wed 1305 (AY)
14487	E03	90958//15682 USB 03-10-2001 Wed 1400 (TI)
14487	E03	82845//11545 USB 03-10-2001 Wed 1508 (TI)
14487	E03	USB 04-10-2001 Thu 1400 (TI)
14487	E03	//16084 USB 06-10-2001 Sat 1303 (TI)
14487	E03	80384 USB 07-10-2001 Sun 1504 (TI)
14487	E03	"54998" USB 28-10-2001 Sun 1200
14530	E10	Female, alpha usb 20-10-2001 Sat 2030
14530	E10	Callsign YHF message 437. AM 27-10-2001 Sat 2030
14739	E05	The CIA Counting, Cynthia//16198 ID912 USB 02-10-2001 Tue 1500 (AY)
14739	E05	912//16198 USB 02-10-2001 Tue 1507 (TI)
14739	E05	912//16198 USB 05-10-2001 Fri 1510 (TI)
14787	M42	WFO QSY to 16218 CW 10-04-2001 Thu 1438
14787	M42	WFO QSY to 16218 CW 10-04-2001 Thu 1904
14817	X06	FAPSI. selcal + encrypted msgs in Crowd36 AM 11-10-2001 Thu 1720 (RH2)
14821	M42	FAPSI CROWD36 23-10-2001 Tue 1732 (HPT)
14830	V02	AM 24-10-2001 Wed 2100
14843	M42	"JMS" QRU RTTY 24-10-2001 Wed 2227
14931	M16	8BY 123/433/116/221/663 CW 10-01-2001 Mon 2040
14931	M16	8BY. DGSE. VVV CW 25-10-2001 Thu 1046 (RGA)
14931	M16	8BY. DGSE CW 25-10-2001 Thu 1046 (HPT)
14931	M16	8by 906/033/195 CW 26-10-2001 Fri 1650
14941	M42	"WNY" QRU RTTY 24-10-2001 Wed 1802
14968	M42	"WFO" RTTY 23-10-2001 Tue 1522
15648	M24	682x3 00000 (R4) (null sked) CW 10-02-2001 Tue 0000
15648	M24	682x3 00000 (R4) CW 10-11-2001 Thu 0000
15682	E03	USB 10-07-2001 Sun 1300
15682	E03	USB 10-07-2001 Sun 1400
15682	E03	02851 USB 29-09-2001 Sat 1300
15682	E03	48472 USB 05-10-2001 Fri 1400 (TI)
15682	E03	"54998" USB 28-10-2001 Sun 1200
15732	E05	USB 28-10-2001 Sun 1200
15980	E10	EZI2 USB 01-10-2001 Mon 1504 (TI)
15980	E10	EZI2 USB 03-10-2001 Wed 1502 (TI)
16064	M42	FAPSI in progress RTTY 22-10-2001 Mon 1003 (HPT)
16084	E03	USB 10-06-2001 Sat 1800
16084	E03	USB 10-07-2001 Sun 1300
16084	E03	USB 10-08-2001 Mon 1200
16084	E03	USB 10-09-2001 Tue 1200
16084	E03	02851 USB 29-09-2001 Sat 1300
16084	E03	87489 USB 04-10-2001 Thu 1300 (TI)
16084	E03	//14487 USB 06-10-2001 Sat 1300 (TI)
16084	E03	in tfc USB 26-10-2001 Fri 1739
16084	E03	in tfc USB 27-10-2001 Sat 1240
16084	E03	"54998" USB 28-10-2001 Sun 1200
16084	E04	AM 10-06-2001 Sat 1200

16198 E05 in progress USB 10-09-2001 Tue 1500
16198 E05 912//14739 USB 05-10-2001 Fri 1510 (TI)
16218 M42 WFO tfc at 100 baud RTTY 10-04-2001 Thu 1444
16218 M42 WFO tfc at 100 baud RTTY 10-04-2001 Thu 1910
16218 M42 "WFO" RTTY 22-10-2001 Mon 2149
16218 M42 "WFO" RTTY 23-10-2001 Tue 1423
16218 M42 "YBU" RTTY 24-10-2001 Wed 1342
16218 M42 "WFO" RTTY 24-10-2001 Wed 1408
16218 M42 "WFO" RTTY 24-10-2001 Wed 1421
16218 M42 "WFO" RTTY 24-10-2001 Wed 1445
16227 M42 FAPSI in progress RTTY 02-10-2001 Tue 1320 (AD)
16227 M42 FAPSI in progress RTTY 22-10-2001 Mon 1005 (HPT)
16227 M42 FAPSI, 5LGs ends wirth VY TU GB SK RTTY 30-10-2001 Tue 1544 (RGA)
17410 E10 USB 03-10-2001 Wed 1534 (TI)
17410 E10 USB 06-10-2001 Sat 1534 (TI)
17410 E10 EZI//21930 USB 07-10-2001 Sun 1533 (TI)
17410 E10 very weak usb 13-10-2001 Sat 0900
17446 M24 348 (R4) 902x2 177x2 BTx2 CW 30-09-2001 Sun 2140
18305 M42 FAPSI in progress. 5LGs RTTY 25-10-2001 Thu 0830 (HPT)
18401 M42 "KAC" RTTY 23-10-2001 Tue 2050
18415 M16 8BY, French Intelligence CW 07-10-2001 Sun 1255 (AY)
18415 M16 8by 906/033/195 CW 26-10-2001 Fri 1650
18475 V02 in prog. AM 10-11-2001 Thu 2315
18562 M42 "WFO" RTTY 22-10-2001 Mon 2219
18750 E06 AM 14-10-2001 Sun 1233
18750 E06 Didnt hear final zeros. Where there any? USB 28-10-2001 Sun 1230
19088 M42 "WNY" QRU RTTY 24-10-2001 Wed 1758
19715 E10 EZI USB 10-06-2001 Sat 1400
19715 E10 EZI USB 09-07-2001 Fri 1400
19715 E10 EZI//21930 USB 05-10-2001 Fri 1533 (TI)
19820 M23 310 (R10) (abruptly stops-null sked) CW 10-07-2001 Sun
19820 M23 310 (R10) (null sked) (couldn't locate a // freq) CW 21-10-2001 Sun 1800
19820 M23 310 (R10) (null sked) CW 24-10-2001 Wed 1800
19820 M23 310 (R10) (null sked) CW 27-10-2001 Sat 1800
19820 M23 310 (R10) (null sked) CW 28-10-2001 Sun 1800
19826 M24 348 (R4) 902x2 177x2 BTx2 CW 30-09-2001 Sun 2110
20946 M16 8by 906/033/195 CW 26-10-2001 Fri 1650
20946 M16 8BY. DGSE. VVV 8BY 506/663/475 CW 28-10-2001 Sun 1352 (RGA)
21866 E04 33361 USB 01-10-2001 Mon 0000 (TI)
21866 E04 19474 USB 01-10-2001 Mon 2200 (TI)
21866 E04 33361 USB 01-10-2001 Mon 2300 (TI)
21866 E04 64215 USB 02-10-2001 Tue 2300 (TI)
21866 E04 19474 USB 03-10-2001 Wed 0000 (TI)
21866 E04 Cherry Ripe British,MI6//18864 ID19474 USB 03-10-2001

		Wed 1300 (AY)
21866	E04	19474 USB 03-10-2001 Wed 1300 (TI)
21866	E04	19474 USB 03-10-2001 Wed 2300 (TI)
21866	E04	33361 USB 04-10-2001 Thu 1300 (TI)
21866	E04	USB 04-10-2001 Thu 2339 (TI)
21866	E04	07008 USB 05-10-2001 Fri 0000 (TI)
21866	E04	64219 USB 08-10-2001 Mon 0100 (TI)
21866	E04	Cherry Ripe. 5FGs USB 16-10-2001 Tue 2329 (MKP)
21930	E10	EZI//19715 USB 05-10-2001 Fri 1533 (TI)
21930	E10	EZI//17410 USB 07-10-2001 Sun 1532 (TI)
23461	E04	Cherry Ripe British MI6//18864 ID52409 USB 01-10-2001 Mon 1100 (AY)
23461	E04	19474 USB 04-10-2001 Thu 1200 (TI)
2362	IUU4	Czech/Slovak mil. Msgs to YVVL CW 10-10-2001 Tue 1720 (AB)
2362	O1HN	Czech/Slovak mil. Msgs to ICJB CW 09-10-2001 Tue 1856 (AB)
23740	E10	USB 03-10-2001 Wed 1408 (TI)
24644	E04	64215 USB 03-10-2001 Wed 2200 (TI)

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RT2	Robert Thompson, TX, USA
SE	Selco

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YA Yukitaka Adachi, Japan

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